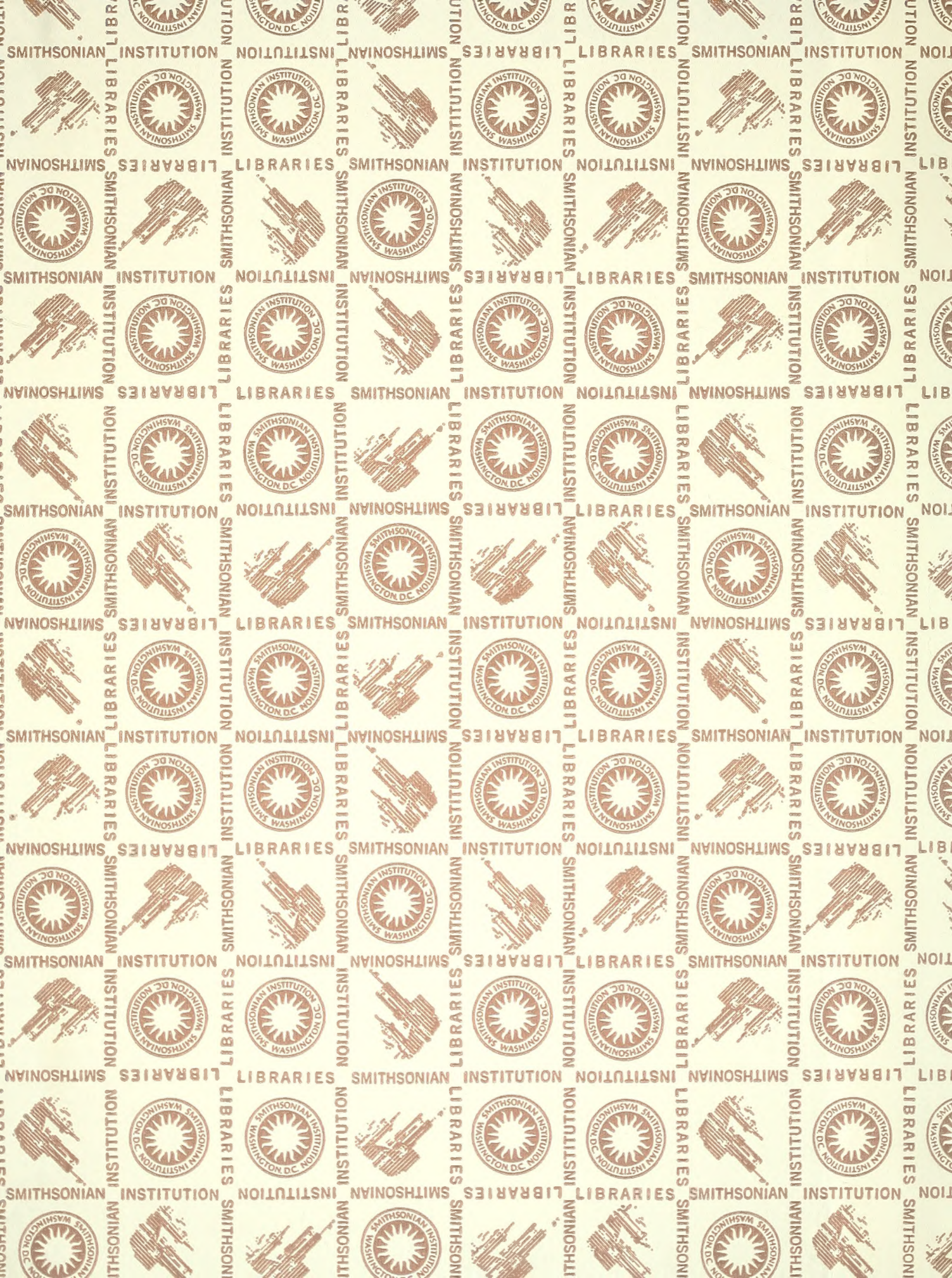
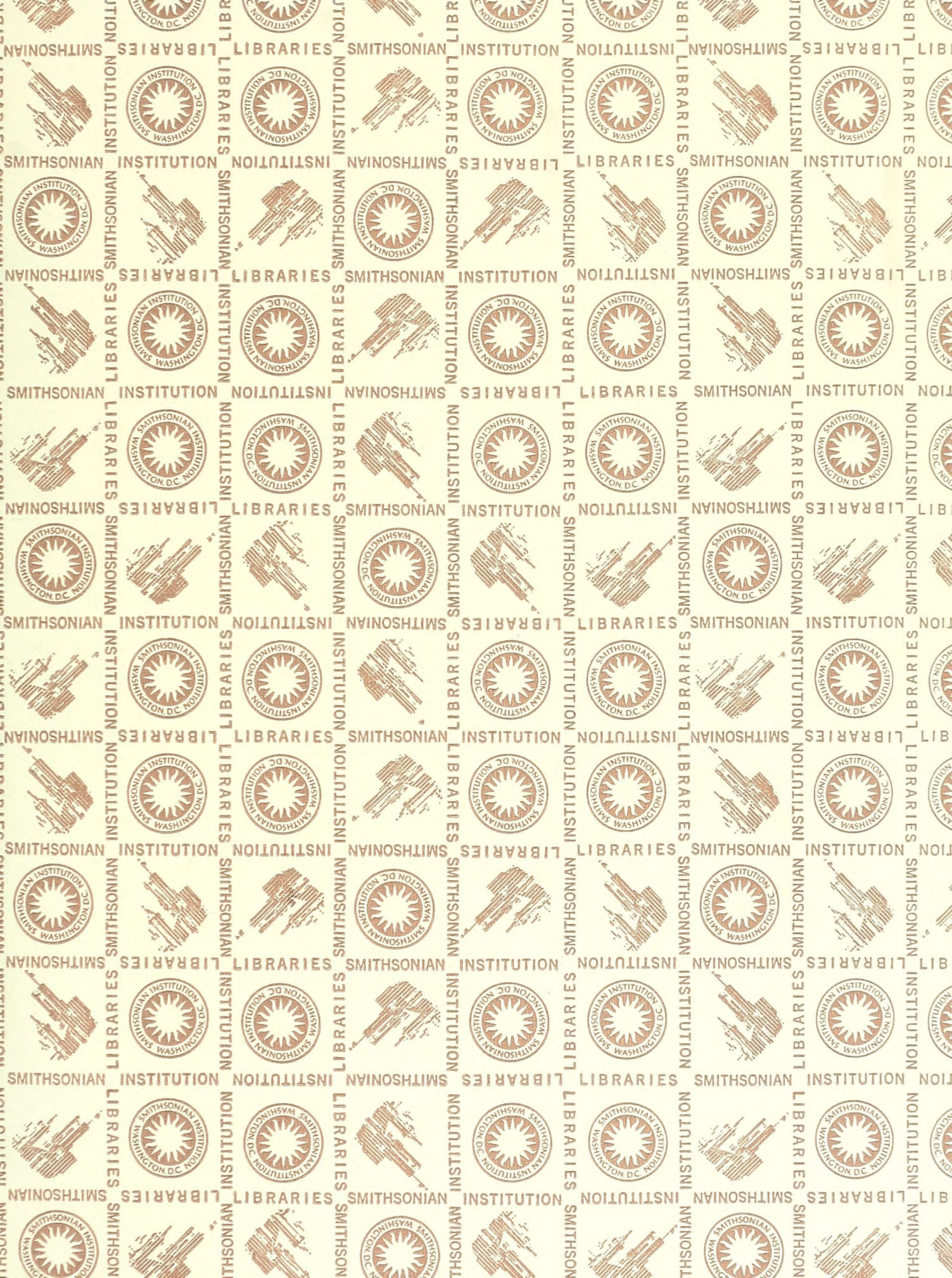


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Smithsonian Year 1992 Supplement

Chronology and Appendixes

Smithsonian Institution Press
Washington, D.C.



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Notes: The arrangement of bureau and office listings within appendixes 1, 3, 5, 6, and 7 is not alphabetical but rather follows as closely as possible the organization of the Smithsonian Institution as shown on page 4.
The contents of this *Supplement* were produced from electronic files provided by the bureaus and offices.

Smithsonian Institution

Establishment, Board of Regents, Executive Committee, and the Secretary

Office of the Secretary
Office of the Undersecretary
Office of the Inspector General
Office of the General Counsel
Office of Government Relations
Office of Public Affairs

Sciences

Office of the Assistant Secretary for Sciences
Conservation Analytical Laboratory
National Museum of Natural History/National Museum of Man
National Zoological Park
Office of Environmental Awareness
Office of Fellowships and Grants
Office of the Registrar
Smithsonian Astrophysical Laboratory
Smithsonian Environmental Research Center
Smithsonian Institution Archives
Smithsonian Institution Libraries
Smithsonian Institution Man and the Biosphere Biological Diversity Program
Smithsonian Tropical Research Institute

Arts and Humanities

Office of the Assistant Secretary for the Arts and Humanities
Anacostia Museum
Archives of American Art
Arthur M. Sackler Gallery/Freer Gallery of Art

Cooper-Hewitt, National Museum of Design
Hirshhorn Museum and Sculpture Garden
Office of Institutional Studies
International Gallery
National Air and Space Museum
National Museum of African Art
National Museum of American Art
National Museum of American History
National Museum of the American Indian
National Portrait Gallery
Office of Exhibits Central
Office of Museum Programs
Office of Quincentenary Programs
Smithsonian Institution Traveling Exhibition Service

Education and Public Service

Office of the Assistant Secretary for Education and Public Service
Center for Folklife Programs and Cultural Studies
National Science Resource Center
Office of Elementary and Secondary Education
Wider Audience Development Program

External Affairs

Office of the Assistant Secretary for External Affairs
Office of International Relations
Office of Conference Services
Office of Special Events
Office of Telecommunications
Smithsonian Institution Press
Smithsonian Magazine
Air & Space/Smithsonian Magazine
Smithsonian National Associate Program
Smithsonian Resident Associate Program
Visitor Information and Associates' Reception Center

Institutional Initiatives

Office of the Assistant Secretary for Institutional Initiatives
National Museum of the American Indian Campaign Office
Office of Development
Smithsonian Women's Committee

Finance and Administration

Office of the Assistant Secretary for Finance and Administration

Affiliated Organizations

John F. Kennedy for the Performing Arts
National Gallery of Art
Reading Is Fundamental
Woodrow Wilson International Center for Scholars

Chronology

The following is a representative selection of Smithsonian events during fiscal year 1992.

October

■ **Education Program** Cooper-Hewitt, National Museum of Design began a series of one-day design career programs that gave high school students the opportunity to explore social issues and participate in design activities with professional designers. The series continued through March.

October

■ **Smithsonian Sesquicentenary** The Office of the Assistant Secretary for External Affairs began coordination of the Smithsonian's 150th anniversary commemoration, to be held in 1996.

October

■ **International Meeting** The Office of International Relations, in cooperation with the University of California Consortium on Mexico and federal agencies, participated in the steering committee meeting of the U.S.-Mexico Foundation for Science. Assistant Secretary for External Affairs Thomas E. Lovejoy is a member of the committee.

October

■ **Public Programs** The Visitor Information and Associates' Reception Center initiated Spanish-language tours of the Smithsonian Institution Building.

October

■ **Publications** Two recent Smithsonian Institution Press books—*Women of Deb Kob* and *The Mystery of Comets*—were issued in German and Italian translations. Paperback editions of *The Lawmen* and *Women of Deb Kob* were released in the United States by Viking Penguin.

October

■ **Radio Series** "Folk Masters"—produced by the Office of Telecommunications' Radio Smithsonian, Carnegie Hall, and the Washington public radio station WETA-FM—was inaugurated, broadcast over public radio stations nationwide. It subsequently won the Corporation for Public Broadcasting's Gold Award.

October

■ **Tour** Archives of American Art members explored the art and architecture of Spain and Portugal. The journey to Barcelona, Madrid, Leon, Santiago, Oporto, and Lisbon included visits to private collections and special tours of the sights and treasures in each city.

October

■ **Publication** The Smithsonian Institution Libraries' catalog of the National Museum of African Art branch holdings was published with more than 17,000 records derived from SIL's on-line computer records.

October

■ **New Archive** Cooper-Hewitt, National Museum of Design established an African American Design Archive, a computerized compilation of African American designers' biographies.

October

■ **Special Event** The Viking voyages to the New World were commemorated at the National Air and Space Museum with the queen of Norway and the president of

Iceland in attendance. The event was facilitated by the Office of the Assistant Secretary for External Affairs.

October

■ **Education Program** As part of the Cooper-Hewitt, National Museum of Design's innovative "designer-in-residence" program, noted industrial designer Bruce Hannah began four months at the museum teaching school groups about design.

October–May

■ **Education** Assistant Secretary for Education and Public Service James Early and Ann Bay, director of the Office of Elementary and Secondary Education, represented Smithsonian interests in the Federal Coordinating Committee for Science Engineering and Technology's Committee for Education and Human Resources, which met several times during the year.

October–September

■ **Grants** Throughout the year, the Smithsonian ethnic, women's, and advocacy committees received support from the Educational Outreach Program to organize pan-Institutional events for federally designated commemorations. The program is administered by the Office of the Assistant Secretary for Education and Public Service.

October 1

■ **Staff Appointment** Paul Colinvaux, a well-known ecologist and former professor at Ohio State University, joined the scientific staff at the Smithsonian Tropical Research Institute.

October 1

■ **Internships** The Office of Fellowships and Grants selected seven minority interns for the fall term.

October 5

■ **Award** Assistant Secretary for External Affairs Thomas E. Lovejoy and Office of Environmental Awareness Director Judith Gradwohl accepted the second annual Swim Environmental Awareness Award for the office's oceans forum and exhibition.

October 8

■ **Exhibition** "Recent Acquisitions: 1989–1991" opened at the Hirshhorn Museum and Sculpture Garden, reflecting the strengthening of the museum's collection with more than 80 paintings, sculptures, and works on paper acquired as gifts or purchases.

October 10

■ **Exhibition** The Archives of American Art New York Regional Center Gallery, with Leo Castelli Gallery, presented the exhibition "Lichtenstein/Castelli," featuring original works by Lichtenstein and a variety of materials culled from the Archives' Lichtenstein collection. A preview benefit, "A Salute to Roy Lichtenstein," opened the exhibition.

October 16

■ **Lecture Series** In conjunction with the Hirshhorn Museum's exhibition program, "Focus: Saint Clair Cemin" kicked off a series of free early-evening talks offering perspective on a current exhibition. Among the speakers were artists Saint Clair Cemin, Alfredo Jaar, Tim Rollins and K.O.S., and Francisc Torres, as well as organizing curators Neal Benezra, Frank Gettings, Phyllis Rosenzweig, and Director James T. Demettrion.

October 18

■ **Speech** W. Richard West, Jr., director of the National Museum of the American Indian, addressed more than 2,000 people at the annual meeting of the Alaska Federation of Natives in Anchorage.

October 21

■ **Course** The eight-week Resident Associate Program course "France Today" opened with an address by the ambassador of France and featured columnist Jim Hoagland and architect I. M. Pei.

October 21–31

■ **Workshops** "The Identification of Early Synthetic Dyes on Historic Textiles: Analysis and Preparation" and "Advanced Dye Analysis," two Conservation Analytical Laboratory workshops, were organized by Senior Textiles Conservator Mary Ballard and taught by renowned dye chemist Dr. Helmut Schweppe.

October 23

■ **Board Appointment** Jerry I. Speyer, business executive and collector from New York City, was elected to the Hirshhorn Museum and Sculpture Garden's 10-member Board of Trustees, replacing philanthropist Agnes Gund.

October 27

■ **Research** The Office of Printing and Photographic Services conducted a Research Expedition Program with the Smithsonian National Associate Program, "Cataloging Laser Discs."

October 31

■ **Exhibit** The Office of Public Affairs completed the fifth and final version of a multicultural portable traveling exhibit on the theme "The Smithsonian Is For Everyone" for use by Smithsonian staffers attending conferences. The exhibit features three teenagers in the National Air and Space Museum. The other four versions show African American, Asian American, Latino, and Native American people and objects. The exhibits, funded by the Educational Outreach Program and the Special Exhibition Fund, were used many times during the year.

October 31–November 4

■ **Festival** The first U.S. Virgin Islands Folklife Festival took place on St. Croix, U.S.V.I., with collaboration and support from the Center for Folklife Programs and Cultural Studies. The program, originally produced for the Smithsonian's 1990 Festival of American Folklife, involved Senegalese folk artists and the Freedom Singers.

November

■ **Award** The Smithsonian Collection of Recordings received a platinum disc from Sony Records for sales of 500,000 albums of *Classic Jazz*.

November

■ **Report** The National Museum of the American Indian issued "The Way of the People," a historic document that blends technological design and cultural sensitivity in a plan for the acquisition of programmatic information. The report summarized the views ex-

pressed by some 450 representatives of Indian tribes in 11 consultations.

November

■ **Workshop** The Smithsonian Institution Traveling Exhibition Service and Time Warner Inc. hosted an educational workshop in Washington, D.C., for national museum exhibitors and sponsors associated with the major photography exhibition, "Songs of My People," which opened at Washington's Corcoran Gallery of Art in February.

November

■ **Fellowships** The Office of Fellowships and Grants awarded four fellowships under the Smithsonian Institution–University Programs in Structure and Evolution of Terrestrial Ecosystems funded by the Andrew W. Mellon Foundation.

November–May

■ **Research** Flights of a far-infrared spectrometer built by the Smithsonian Astrophysical Observatory contributed new information on ozone depletion.

November 1

■ **Exhibition** "Ralph Earl: The Face of the Young Republic" opened at the National Portrait Gallery. The first exhibition devoted to the talented portrait painter of the new American Republic contained more than 60 paintings, including works by artists whom he influenced.

November 1

■ **Grant** The Office of Printing and Photographic Services was awarded an equipment grant under the Apple Library of Tomorrow Program.

November 4

■ **Cultural Heritage Observation** To observe American Indian Heritage Month, the Wider Audience Development Program organized "Native Pride, Power, and Politics." The Honorable Elijah Harper (Ojibwa), member of the Canadian Parliament and honorary chief of the Red Sucker Lake Band, discussed sovereignty issues facing indigenous Canadians.

November 4

■ *Museum Shop* The newly expanded and renovated museum shop opened at the National Museum of American Art.

November 6

■ *Television Premiere* "Dream Window: Reflections on the Japanese Garden," produced by the Office of Telecommunications in association with KajimaVision, premiered on PBS.

November 7

■ *International Visitors* Officials of the Department of Antiquities of Jordan visited the Conservation Analytical Laboratory to inspect completed conservation work on part of the plaster sculpture excavated at the site 'Ain Ghazal (7th millennium B.C.). Director General of Antiquities Safwan Khalaf as-Tell signed the proposal for treatment of this material.

November 7

■ *Exhibition* "Alfredo Jaar WORKS," an installation by this Chilean-born artist, opened at the Hirshhorn Museum and Sculpture Garden as the year's project of site-specific art under a grant from the Andy Warhol Foundation for the Visual Arts. Built in a darkened Abram Lerner Balcony Room, the piece, titled "MVSEVM," used five sculptural light boxes to juxtapose a serene museum atmosphere with disturbing images from the Persian Gulf War.

November 13

■ *Permanent Exhibition* A new gallery, "Legend, Memory, and the Great War in the Air," opened at the National Air and Space Museum. In a departure from traditional museum exhibitions on World War I aviation, this gallery contrasts the romantic myth of gallant combat in the sky with the grim reality faced by early military aviators.

November 14

■ *Lecture* A Woodrow Wilson Center session on "Perestroika in Retrospect" featured Egor Ligachev, a former conservative Politburo member and a leading antagonist of Gorbachev on Soviet economic reform, who

addressed the legacy of *perestroika* in the former Soviet Union.

November 14

■ *New Facility* The new National Zoo molecular genetics (DNA "fingerprinting") laboratory opened to investigate the mysteries of complex animal mating strategies and the evolutionary relationships of animals.

November 15

■ *Honor* Arthur E. Raymond, aircraft designer and the "father" of the DC-3 airplane, and John C. Mather and the Cosmic Background Explorer (COBE) Team were each awarded the National Air and Space Museum Trophy.

November 16

■ *Symposium* A symposium was held at the National Portrait Gallery in connection with the exhibition "Ralph Earl: The Face of the Young Republic." A variety of papers were presented by scholars from the Wadsworth Atheneum, Columbia University, the National Portrait Gallery, and the University of Pennsylvania.

November 18

■ *Conference Participation* The Office of Printing and Photographic Services participated in ongoing meetings of subcommittees of the American National Standards Institute. The subcommittees are developing test methods to determine archival permanence in photographic materials.

November 19–21

■ *Conference* The National Forum on Ocean Conservation brought together scientists, policy makers, and members of the general public to frame the critical issues, outline the state of knowledge, and discuss policy options and research needs for ocean conservation. The forum was organized by the Office of Environmental Awareness.

November 21

■ *Species Survival* The National Zoo received a Kiwi bird from New Zealand to continue the breeding at the Zoo of this disappearing species.

November 22

■ *Symposium* A symposium, "Chang Dai-chien and His Art," made possible through the generosity of Mrs. Arthur M. Sackler, was held at the Sackler Gallery in connection with the opening of the first major retrospective in the United States of work by China's foremost modern painter.

November 23

■ *Workshop* Teacher and author Eliot Wigginton, founder of the Foxfire Foundation, taught the first in a series of workshops for teachers participating in the Demonstration Schools Project, an effort of the Office of Elementary and Secondary Education. The project helps teachers and museum staff work together, developing ways that Smithsonian resources can be applied across the curriculum to improve teaching and learning in areas the schools have identified as critical.

November 23

■ *Cultural Diversity* The Office of Public Affairs held the first meeting of the Ad Hoc Latino Media Advisory Committee. The purpose of the nine-member external advisory committee, composed of leading Latino journalists, publishers, and other communicators, is to help OPA examine and improve its methods of communicating with Latino audiences through the media.

November 24

■ *Seminar* The Office of Printing and Photographic Services hosted and cosponsored with the White House News Photographers Association the nation's only free high school seminar in still and video news photography.

Winter

■ *Research* Smithsonian Astrophysical Observatory scientists identified the exploding star Nova Muscae as a binary system in which the primary component is a "black hole."

December

■ *Appointment* L. Carole Wharton, former chief planning officer at Drexel University, become director of the Office of Planning and Budget.

December

■ *Publication* *The Whole Folkways Catalogue* was published by the Center for Folklife Programs and Cultural Studies as a guide to the Folkways collection. It was distributed to 5,000 scholars, educators, and others.

December

■ *Closing* The San Francisco office of the Archives of American Art was closed and its operations consolidated with those of the San Marino, California, facility.

December

■ *Automation* Smithsonian Institution Libraries' automated circulation system was extended to the National Museum of American History branch in December and to the Smithsonian Environmental Research Center branch in April, bringing to 14 the number of branches with this service.

December

■ *Acquisition* The National Museum of African Art acquired an extremely rare cast copper alloy helmet from northern Côte d'Ivoire.

December

■ *Premiere* A film documentary examining Chiapan Mayan participation in the 1991 Festival of American Folklife premiered in Tuxtla Gutierrez, Mexico. The film was produced by the Center for Folklife Programs and Cultural Studies with a team from Chiapas, Mexico.

December

■ *Workshop* The Smithsonian Institution Traveling Exhibition Service, the American Library Association, and corporate sponsor Beneficial Management Corporation hosted a workshop in Washington, D.C., for library exhibitors of the panel adaptation of the National Museum of Natural History's major Columbus Quincenary exhibition, "Seeds of Change."

December

■ **Acquisition** The Frederick Matson collection of Old World clays was transferred from Matson's laboratory at Penn State University to the Conservation Analytical Laboratory. Researchers have analyzed samples of these clays extensively during the past 20 years, making them a valuable addition to the reference materials in the CAL data bank.

December

■ **Publication** *Demography and Natural History of the Common Fruit Bat—on Barro Colorado, Panama* (Smithsonian Contributions to Zoology, no. 511), was published by the National Museum of Natural History. In this 11-year field study, scientists for the first time have been able to capture, mark, and monitor successfully a nocturnal and elusive population of tropical fruit bats, which play an important role in tropical ecosystems.

December

■ **Volunteers** The Visitor Information and Associates' Reception Center's annual appreciation event for volunteer information specialists was held in the Smithsonian Castle Building.

December

■ **Acquisition** Through a generous gift of Irwin Silber and Barbara Dane, the Folkways Archives and Collections, Center for Folklife Programs and Cultural Studies, acquired Paredon Records master tapes and contracts. The collection includes more than 50 titles devoted to political and topical songs.

December

■ **Publication** Beginning with the January–February 1992 issue of *Smithsonian Runner*, the bimonthly newsletter for Native Americans produced by the Office of Public Affairs, contributing members of the National Museum of the American Indian began receiving a special edition of *Runner* that includes a two-page supplement.

December

■ **Research** The Smithsonian Institution Libraries opened a database searching center for CD-ROMs. Funded by a \$50,000 grant from the James Smithson

Society, the center has eight databases, two local workstations, and four ports for dial-in access.

December

■ **Special Events** A festival of performances, symposia, and exhibitions marking the 200th anniversary of Mozart's death was presented by the National Museum of American History and the Woodrow Wilson International Center for Scholars along with the John F. Kennedy Center for the Performing Arts, the Library of Congress, and the National Gallery of Art.

December 2

■ **Renovation** A year-long renovation of the Hirshhorn Museum and Sculpture Garden's 2.7-acre outdoor plaza began, to include a wheelchair entrance, grassy exhibition areas for sculpture, additional trees and plantings, granite paving, and a pathway along the edge. The design was developed in conjunction with museum staff by landscape architect James Urban of Annapolis, Maryland, and is being carried out by the George Hyman Construction Company.

December 5

■ **Cultural Diversity** The Office of Public Affairs, in conjunction with the deputy assistant secretary for the arts and humanities, held two focus groups to determine how African Americans learn about Smithsonian activities and what the most efficient communication channels are for reaching them. The focus groups were a direct outgrowth of the OPA Ad Hoc African American Media Advisory Committee.

December 7

■ **Exhibition** "Time Covers the War: Personalities from World War II" opened at the National Portrait Gallery. Commemorating the 50th anniversary of the Japanese attack on Pearl Harbor, this exhibition included 36 original portraits commissioned for covers of *Time* between 1938 and 1945.

December 7–8

■ **Seminar** To complement the Smithsonian Institution Traveling Exhibition Service exhibition "'Degenerate Art': The Fate of the Avant-Garde in Nazi Germany," the Smithsonian Resident Associate Program, in co-

sponsorship with the United States Holocaust Memorial Museum, presented an all-day seminar with exhibition viewing and screenings of German silent film masterpieces accompanied by live orchestral music.

December 9

■ **Lecture** Françoise Cachin, director of the Musée d'Orsay in Paris and granddaughter of artist Paul Signac, spoke on French Neo-Impressionist artist Georges Seurat in a sold-out lecture sponsored by the Smithsonian Resident Associate Program.

December 15

■ **Special Event** The National Zoo and the Friends of the National Zoo (FONZ) sponsored a special performance of the play *Winnie the Pooh* for homeless children. Donated gifts were distributed.

December 16

■ **Lecture** An address by Chief Justice William Rehnquist was the highlight of Woodrow Wilson Center activities commemorating the bicentennial of the Bill of Rights.

December 17

■ **Exhibition** "Collecting Portrait Prints: Washington Print Club Biennial," opened at the National Portrait Gallery. Fifty-four portrait images from the collections of Washington Print Club members were displayed in this 13th biennial exhibition, including prints from the 15th to the 20th century.

January

■ **Radio Series Premiere** "Spirits of the Present: The Legacy from Native America," a 13-part series produced by the Office of Telecommunications' Radio Smithsonian, began broadcasting over 410 stations in the United States and Canada.

January

■ **Symposium/Workshop** The Second USA–Philippines Phycology Symposium/Workshop was held in the Philippines. Funded by the National Science Foundation and co-organized by the National Museum of

Natural History, the meeting was attended by more than 100 American and Filipino scientists.

January

■ **Exhibition** The National Museum of African Art opened "Purpose and Perfection: Pottery as a Woman's Art in Central Africa," a new permanent exhibition featuring more than 60 vessels collected between 1900 and 1950.

January

■ **Exhibition Video** "To Achieve These Rights: The Struggle for Equality and Self-Determination in the District of Columbia, 1791–1978" opened at the Anacostia Museum. A video epilogue of the same title was produced by the Office of Telecommunications as the concluding element of the exhibition.

January

■ **Pilot Program** The Smithsonian National Associate Program tested the use of media cosponsorship for its regional lecture series. Five advertisements, two major articles, and three smaller notices appeared in the Tallahassee *Democrat*. Over 70 percent of the more than 1,000 participants ordered their tickets from the advertisements. Similar media cosponsorships are being planned for all future programs.

January

■ **Visitor Services** The National Museum of African Art installed a new FM Assistive Listening System, which allows hard-of-hearing visitors to have access to tours, lectures, films, gallery discussions, and workshops.

January

■ **Exhibition** Five copies of the Smithsonian Institution Traveling Exhibition Service–American Library Association poster panel adaptation of the National Museum of Natural History's major Columbus Quincentenary exhibition, "Seeds of Change," opened simultaneously in public libraries across the United States. The exhibition will visit public libraries in all 50 states through early 1994.

January

■ **Publication** The Smithsonian Institution Traveling Exhibition Service published a brochure and poster

with updated information for "The Long Road Up the Hill: African Americans in Congress," the popular long-running SITES exhibition.

January

■ **Agreement** Ten Japanese paintings from the Freer Gallery of Art collection were sent to Japan for conservation under a pioneering agreement with the Art Research Foundation, a Tokyo establishment that supports international cultural projects, and the government of Japan. The project was initiated in Japan by Professor Ikuo Hirayama, president of the Tokyo National University of Fine Arts and Music and senior director of the Art Research Foundation. Additional paintings will be sent for conservation under a continuing agreement.

January

■ **Publications** The Office of Public Affairs began distribution of its two newest brochures, both funded by the Educational Outreach Program. "Exploring African American Heritage at the Smithsonian" is a four-color, 12-page visitor brochure distributed to junior high and high school students and churches as well as the general public. "African & African American Resources at the Smithsonian" is a 32-page, two-color brochure that gives detailed information on research, collections, employment, and selected activities to scholars, journalists, students, and others.

January

■ **Exhibition** Installation of "Affirmations: Assemblages by Schroeder Cherry" marked the beginning of an effort by the Anacostia Museum to systematically feature the works of regional artists in the museum's Community Gallery.

January

■ **Renovation** The firm of James Stewart Polshek and Partners was hired by Cooper-Hewitt, National Museum of Design to renovate the two townhouses adjacent to the main museum building and develop a plan to integrate the three buildings and the terrace and garden into a unified museum complex. The plan will also enable the museum to comply with the Americans with Disabilities Act.

January-May

■ **Database** The National Museum of African Art's Eliot Elisofon Photographic Archives entered its entire collection of 26,500 field slides by renowned *Life* magazine photographer Eliot Elisofon into a new database that facilitates access to the collection and allows museum staff and archives visitors to conduct research by theme as well as ethnic group.

January 9-10

■ **Public Meeting** Approximately 100 people attended consultation meetings held in Riverside and Sacramento, California, in the continuing effort by the National Museum of the American Indian to solicit participation from Indians and Alaskan Natives in the design, construction, display, and presentation of materials in the new museum.

January 10

■ **Special Event** The Smithsonian Resident Associate Program celebrated the 100th birthday of film great Hal Roach, featuring a dialogue with Roach, film clips, and a festive birthday party enjoyed by a capacity audience.

January 15

■ **Recording Release** *The American Songbook*, the first continuity series from the Smithsonian Collection of Recordings, released *Irving Berlin*, the first album in a six-part series, to be followed by recordings of the works of George Gershwin, Cole Porter, Jerome Kern, Harold Arlen, and Richard Rodgers and Lorenz Hart.

January 15-18

■ **Symposium** Cooper-Hewitt, National Museum of Design sponsored a three-day symposium, "The Edge of the Millennium," which explored the impact the new millennium might have on the design field.

January 16

■ **International Visitors** The Conservation Analytical Laboratory was host to three delegates from the Bunkacho (Agency for Cultural Affairs of Japan) in the third annual visit under the an SI-Bunkacho agreement. The delegation participated in discussions at the

Freer and Sackler galleries, the National Museum of Natural History, and CAL.

January 16

■ *Marketing Campaign* The Office of Public Affairs launched a year-long advertising campaign in two Washington, D.C., Spanish-language newspapers. The campaign gives biweekly highlights of Smithsonian events of interest to the local Latino community.

January 18

■ *Special Event* The birthday of Martin Luther King, Jr., was observed with a free program titled "Freedom Is a Constant Struggle," examining the role of the Student Non-Violent Coordinating Committee in the civil rights movement. The event was presented by the Program in African American Culture at the National Museum of American History.

January 20

■ *Lecture* The renowned Nigerian writer Chinua Achebe delivered the keynote address on "Martin Luther King, Jr., and Africa" at the annual Martin Luther King, Jr., holiday celebration. The event was sponsored by the Secretary of the Smithsonian and the Smithsonian's Cultural Education Committee.

January 20

■ *Marketing Campaign* The Office of Public Affairs began to air weekly advertisements on Washington, D.C., radio stations WHUR-FM, WKYS-FM, and WOL-AM. The campaign was a result of focus groups held earlier in the fiscal year. As part of the campaign kickoff, OPA shared sponsorship of a three-hour Martin Luther King Day celebration on WKYS. During January and February, listeners could call the Smithsonian Information Center for a packet of information on the Smithsonian and its Black History Month events.

January 21

■ *Speech* W. Richard West, Jr., director of the National Museum of the American Indian, delivered the keynote address to the annual meeting of the Allied Arts Foundation, which supports seven Oklahoma City arts organizations.

January 22–24

■ *Dedication* An 11-meter optical reflector designed to complement an existing 10-meter instrument in programs of ground-based gamma-ray astronomy at the Smithsonian Astrophysical Observatory's Whipple Observatory was dedicated with ceremonies on the mountain and a related international workshop.

January 27

■ *Lecture* A Woodrow Wilson Center Evening Dialogue featured well-known author and Yale University professor Paul Kennedy, who presented a provocative talk on the status of U.S.–Japanese relations and the future of the bilateral relationship in a rapidly changing world.

January 30

■ *Lectures* Two sold-out Smithsonian Resident Associate Program lectures featured architectural historian Vincent Scully and Gloria Steinem in her second Smithsonian appearance under RAP's aegis.

January 31

■ *Film Series* "Daughters of the Dust," a highly praised, feature-length film about a turn-of-the-century African American Gullah family, had its Washington premiere as part of the Hirshhorn Museum and Sculpture Garden's free film series. The series, also featuring artist documentaries and films for young audiences, ran throughout the fall, winter, and spring, frequently offering films to full houses in advance of their commercial release.

February

■ *Black History Month* Special exhibitions, films, lectures, performances, and workshops were presented throughout the Institution in observance of Black History Month. One highlight of the celebration was "Roots, Musically Speaking," a lecture organized by the Wider Audience Development Program, featuring Dr. Wyatt Tee Walker, senior pastor of Canaan Baptist Church in Harlem, New York, and ethnomusicologist, speaking on the African roots of black sacred music.

February

■ **Research Agreement** The National Museum of Natural History signed an agreement in Lima with the Republic of Peru for long-term research in the Manu Reserved Zone in the Peruvian Amazon lowlands.

February

■ **Publication** The Office of Elementary and Secondary Education published *Protest and Patriotism*, a 40-page illustrated curriculum enrichment guide for high school teachers, produced in collaboration with the National Museum of American History's Division of Political History. The kit was distributed to more than 15,000 teachers.

February

■ **Biodiversity Workshops** The Office of the Assistant Secretary for External Affairs developed and hosted the Sustainable Biosphere Project by organizing six regional workshops to identify and disseminate successful resource management techniques.

February

■ **Biodiversity** With the World Resources Institute, the Office of the Assistant Secretary for External Affairs hosted a briefing, "Stemming the Tide of Biodiversity Loss at the Global and National Level."

February

■ **International Conference** The American-Soviet Filmmakers Conference, cosponsored by the Smithsonian and the U.S. Information Agency, was held at the Smithsonian.

February

■ **Research** The establishment of the Mpala Wildlife Research Trust was announced at a press conference at the Embassy of Kenya. The trust, administered jointly by the Kenyan Wildlife Service, the National Museums of Kenya, the Smithsonian, and Princeton University, will oversee a research center at Mpala Ranch in the Kenyan highlands.

February

■ **Radio Broadcast** "Jazz," a Radio Smithsonian special produced by the Office of Telecommunications with

host Julian Bond, aired over National Public Radio in honor of Black History Month.

February

■ **Grants** The Smithsonian National Board awarded grants of up to \$15,000 each for Columbus Quincentenary education projects to the National Museum of American History, National Museum of Natural History, Office of Elementary and Secondary Education, and Hirshhorn Museum and Sculpture Garden. The Board also supported the Smithsonian's Quincentenary inaugural events.

February

■ **Publication** *A Pot of Paint: Aesthetics on Trial in Whistler vs. Ruskin*, by Linda Merrill, was published by Smithsonian Institution Press. It was sponsored for publication by the Regents' Publication Program.

February

■ **Publication** The Smithsonian Institution Press book *Benjamin O. Davis, Jr.: American* was issued in paperback by Plume Penguin.

February

■ **Exhibition Opening** The National Museum of African Art displayed a rare cast metal ring from its collection in the exhibition "Between Man and the Gods: Sacrifice and Ceremony on a Cast Metal Ring." The exhibition was the result of research conducted by Curator Roslyn Walker.

February

■ **Acquisition** Atlanta Interfaith Broadcasters presented the Anacostia Museum with 35 videotapes of African American church and family histories. A special emphasis was placed on the role of women in the church.

February

■ **Bilingual Program** The Smithsonian National Associate Program held its first bilingual program in El Paso, Texas, and Juarez, Mexico. The invitational brochure was translated into Spanish, as were the events held in Mexico.

February

■ **Fund Raising** Net unrestricted income from the Smithsonian National Associate Program's 1991 year-end fund-raising appeal to Contributing Members exceeded \$250,000.

February 1

■ **Exhibition** "The Levy-Franks Family Colonial Portraits" opened at the National Portrait Gallery. The seven portraits (1725–35) are among the few surviving family groupings from the colonial period; the sitters were leading members of New York's Jewish community. The exhibition also included correspondence and family silver. It was organized by the Museum of Fine Arts, Boston, with participation and support from the American Jewish Historical Society, Waltham, Massachusetts.

February 1–2

■ **Performance** *Beggar's Holiday*, a Broadway musical composed by Duke Ellington and lost for decades, received its first two performances in 45 years in a critically acclaimed concert version at the National Museum of American History. Its score was reconstructed by the museum's Division of Museum Programs staff from fragments discovered in the vast Duke Ellington Collection held in the NMAH Archives Center.

February 2

■ **Benefit** The Red Sage restaurant in Washington, D.C., held its grand opening as a benefit for the National Museum of the American Indian; the hosts and guests contributed \$12,500.

February 3

■ **New Facility** The Smithsonian Board of Regents approved the acquisition of a small house on Colon Island, Bocas del Toro, to serve as a research station for scientists at the Smithsonian Tropical Research Institute interested in studying the pristine marine and terrestrial habitats along the Atlantic coast of Panama.

February 3–29

■ **Collection Care** The *Spirit of St. Louis* was lowered to the floor of the Milestones of Flight Hall for cleaning

and inspection by the National Air and Space Museum collections management staff. The work, including re-rigging and ultrasonic testing, was done in full view of the public.

February 4

■ **Exhibition** "Martin Puryear," a retrospective exhibition of 38 works by the influential Washington-born sculptor, opened at the Hirshhorn Museum and Sculpture Garden with a festive evening reception on Martin Puryear Day (proclaimed by District of Columbia Mayor Sharon Pratt Kelly). Puryear returned April 1 to conduct a workshop for high school students. The exhibition, supported in Washington by the Truland Family Foundation and Truland Systems Corporation, was organized by the Art Institute of Chicago.

February 7

■ **Concerts** The cultural traditions of Korea were the focus of the "Series in Celebration of Korean Performing Arts," featuring three free public concerts by Korean artists. The series was cosponsored by the Arthur M. Sackler Gallery and the U.S.–Korea Foundation of Washington, D.C., and made possible by funding from United Technologies Corporation.

February 9

■ **Special Event** The National Museum of American Art hosted a Chinese Lunar New Year celebration on its front steps for neighbors and friends of the museum.

February 15

■ **Festival** "Sugar and Spice," a free festival held in conjunction with the "Seeds of Change" exhibition at the National Museum of Natural History, featured demonstrations, food, and music illustrating the impact of the Caribbean sugar industry on Europeans, African slaves, and indigenous Americans. Subsequent festivals featured potatoes and corn.

February 18

■ **Publication** The *Smithsonian Book of Books*, a history of books and bookmaking, was the lead title and cover subject of the Smithsonian Institution Press fall 1992 catalogue. It was also featured at the American Booksellers Association annual convention in June.

February 18

■ **New Project** The Save Outdoor Sculpture! project, organized by the National Museum of American Art and the National Institute for the Conservation of Cultural Property, was launched by nationwide press announcement.

February 20

■ **Honor** The Smithsonian Institution awarded its Langley Medal to Lt. Gen. Benjamin O. Davis, Jr. (USAF, ret.), whose lifetime of achievements includes leading the first squadrons of African American pilots—popularly known as the “Tuskegee Airmen”—into battle during World War II.

February 20

■ **Exhibition** “Hiram Powers: An American Sculptor and His Private Patrons,” curated by David Dearing of the New York Regional Center of the Archives of American Art, featured the work of one of the best known and most influential sculptors of the mid-19th century. The exhibition included a selection from the Hiram Powers Papers, one of the most extensive in the Archives of American Art and one of the most important extant archival sources dealing with American sculpture.

February 21

■ **Ceremony** In conjunction with the National Museum of American History, the Wider Audience Development Program organized a rededication ceremony for the exhibition “A More Perfect Union,” featuring remarks from four Japanese American internees including Rep. Norman Mineta (D-Calif.).

February 25

■ **Public Program** “An Evening with Katharine Graham,” an offering in the National Portrait Gallery’s “self-portrait” series, featured the chairman of the board of the Washington Post Company, interviewed by Marc Pachter.

February 26

■ **Lecture** Gloria Molina, member of the Los Angeles County Board of Supervisors, delivered an address, “The Changing Face of Urban Politics and Culture,” and participated in a panel discussion. The program was co-

sponsored by the Office of the Assistant Secretary for Education and Public Service, the Wider Audience Development Program, the National Museum of American History, and the Office of Quincentenary Programs.

February 26

■ **Cultural Diversity** Cooper-Hewitt, National Museum of Design held a panel discussion, book signing, and reception to celebrate the book *African American Architects in Current Practice*. This event reinforced CHM’s commitment to foster dialogue on the contributions of diverse cultures to architecture and design.

February 27

■ **Loan** In recognition of a friendship originally symbolized by a gift of \$1 million from the government of Korea for the construction of the Arthur M. Sackler Gallery, a bronze Buddhist temple bell made in approximately 1100 went on view at the Sackler Gallery during a two-year loan from the National Museum of Korea in Seoul.

February 28

■ **Exhibition** The National Air and Space Museum opened its gallery commemorating the 25th anniversary of the popular television series “Star Trek.” Because of the public response, the Visitor Information and Associates’ Reception Center implemented a special pass system for visiting the exhibition.

March

■ **Symposium and Exhibition** The Smithsonian Institution Libraries, in cooperation with the National Museum of American History, held a symposium on “World’s Fairs and Modern Life” that was attended by scholars, collectors, and the public. The theme was tied to SIL’s exhibition “World’s Fairs,” which displayed a colorful range of publications and souvenirs from international expositions held between 1851 and 1940.

March

■ **Conference** The Office of the Assistant Secretary for External Affairs developed and hosted “U.S. Economic Opportunities in Global Environmental Agreements.”

March

■ **International Meeting** The Office of the Assistant Secretary for External Affairs hosted the first meeting of the ministers of education of 12 former Soviet republics.

March

■ **Biodiversity Conference** With the Society for Ethnobiology, the Office of the Assistant Secretary for External Affairs developed and held a conference "Can Nuts Save the Rainforest? The Promise of Ethnobiology and Non-Timber Forest Products."

March

■ **International Visitor** The Office of International Relations coordinated a visit to the Smithsonian by "Mama" C. Tamanda Kadzamira, first lady of Malawi.

March

■ **Exhibition Videos** Two short videos produced by the Office of Telecommunications opened in the National Museum of Natural History's experimental exhibition, "The World of Ecosystems."

March

■ **Awards** The Smithsonian Institution Press books *The Music of Stephen Foster*; *Archaeological and Historical Perspective on the Spanish Borderlands East*; and *The First Golden Age of Rocketry* were selected for the American Library Association's CHOICE awards as Outstanding Academic Books of 1992.

March

■ **Visitor Services** Public information telephone calls received by the Visitor Information and Associates' Reception Center exceeded 38,000, representing the second busiest month in nearly 10 years.

March

■ **Publications** Smithsonian Institution Libraries published *The Books of the Fairs: Materials about World's Fairs, 1834-1916, in the Smithsonian Institution Libraries* (American Library Association), an illustrated, annotated bibliography of 1,700 titles in the SIL collections with a scholarly essay by Robert W. Rydell. The

publication is a result of a preservation project in which some 2,000 deteriorating volumes were microfilmed.

March

■ **Publication** The Office of Elementary and Secondary Education began publication of the *Green Bulletin*, a monthly newsletter on Smithsonian education to enhance communication among the Institution's educators and between educators and other Smithsonian staff.

March

■ **Name Change** The Office of Folklife Programs was renamed the Center for Folklife Programs and Cultural Studies to better reflect the office's scope of research and activities and increasing interest in issues of cultural diversity, conservation, and policy.

March

■ **Acquisition** The Native American Museums and Cultural Centers Subject File, organized by the Office of Museum Programs, was deposited in the Museum Reference Center. The file contains written and photographic resources on more than 100 museums and cultural centers.

March

■ **Exhibition** "Poster Portraits," an exhibition assembled from National Portrait Gallery collections, featured posters promoting Wild West shows, athletic events, political campaigns, and Hollywood films. Included were such popular figures as Thomas Edison, Buffalo Bill Cody, Charlie Chaplin, James Cagney, Rita Hayworth, Thomas E. Dewey, and Harry S. Truman.

March

■ **Research** The 15th annual conference of the Society of Ethnobotany, co-organized by National Museum of Natural History anthropologists, was held at the Smithsonian. At the meeting, a museum anthropologist and colleagues announced the discovery of what they believe is the wild ancestor of today's summer squashes. Their findings provide convincing new evidence for the importance of Native American plant domestication in prehistoric eastern North America.

March

■ *Collection Documentation* The National Museum of Natural History presented a complete set of photographs documenting the Mohave tribal collections housed in the museum to Mohave representatives for use in their cultural and educational programs.

March

■ *New Equipment* The Smithsonian Tropical Research Institute installed a new Potain crane at the Metropolitan Nature Park to continue studies of the forest canopy. The leased crane, supported by a grant from the German and Finnish governments, gives researchers access to a considerably more extensive canopy area than the crane previously used as a prototype.

March–June

■ *Research* The first ground-based detection of ultra-high-energy gamma rays from a source outside our galaxy was made by an international group at the Smithsonian Astrophysical Observatory's Whipple Observatory.

March 1

■ *Exhibition* The highly successful exhibition "Homecoming: William H. Johnson and Afro-America, 1938–1946" closed at the National Museum of American Art to begin its national tour of four venues at the Whitney Museum of American Art in New York City.

March 2

■ *Lecture* For Women's History Month, Delegate Eleanor Holmes Norton (D-D.C.) addressed contemporary issues facing working women. The event was coordinated by the Wider Audience Development Program.

March 3

■ *Lecture* Archives of American Art members participated in a lecture and guided tour of the exhibition "American Masters: Six Artists from the Permanent Collection of the Whitney Museum of American Art." New York Regional Director Stephen Polcari was lecturer and exhibit guide.

March 5

■ *Performance* The Smithsonian Resident Associate Program presented Rosemary Clooney in her Smithsonian debut at a sold-out gala evening, highlighted by Clooney's presentation of her first gold record for "C'mon-a My House" to the National Museum of American History. RAP Director Janet Solinger presented the James Smithsonian Bicentennial Medal to Clooney and announced a contribution to the Betty Clooney Foundation for Persons with Brain Injury.

March 5–8

■ *Program* Office of Exhibits Central Designer Kenneth Young and Editor Diana Cohen conducted an exhibition workshop in Port-of-Spain, Trinidad, as part of an Organization of American States' program, "The Museum as Collector and Interpreter of National Heritage."

March 6

■ *Public Programs* As part of its efforts to expand public awareness and understanding of Asian culture, the Arthur M. Sackler Gallery presented the first of eight free public performances of Pacific Bridge Theatre's interpretation of three Japanese No plays in a program titled "Long After Love." The Pacific Bridge Theatre experiments in bridging theatrical experiences of different cultures.

March 6

■ *Exhibition* The exhibition "Between Home and Heaven: Contemporary Landscape Photography," drawn from the National Museum of American Art's newly formed collection of 300 images, opened at the museum and later will begin a national tour of seven museums.

March 7–13

■ *Conference* The National Science Resources Center convened its first Working Conference on Precollege Science Education for Scientists and Engineers. The conference is the first of four annual meetings designed to help scientists and engineers become more effectively involved in elementary science education reform. Twenty-eight participants from academia, federal research facilities, and private industry attended.

March 8–9

■ *Conference* The Office of Elementary and Secondary Education cosponsored with the Quality Education for Minorities Network a national working conference to propose guidelines for ensuring quality multicultural education for children from kindergarten through grade 12.

March 10

■ *Gift* The Freer Gallery of Art received \$1.5 million from the B. Y. Lam Foundation of Hong Kong to acquire Chinese works of art. The gift was the largest the gallery has received from a single donor since its opening in 1923.

March 11

■ *Award Established* The Shimada Prize honoring excellence in East Asian art history scholarship was founded by the Arthur M. Sackler Gallery, the Freer Gallery of Art, and the Metropolitan Center for Far Eastern Art Studies in Kyoto, Japan. The \$10,000 biennial prize will be presented to the author of an outstanding recent publication in the field. The prize is named for the eminent Japanese scholar, Professor Shimada Shujiro.

March 17–18

■ *Conference* The Office of Elementary and Secondary Education convened a working conference to examine strategies for developing new Smithsonian programs to reach teenagers, especially local at-risk teenagers. Representative teenagers, youth group directors, community leaders, teachers, and museum educators assessed the needs of teenage audiences and determined what kinds of programs would best meet these needs.

March 19

■ *Lecture* A Woodrow Wilson Center meeting on "Sustainable Peace and Democracy in Central America" featured Nobel laureate Oscar Arias Sanchez, who examined the future of Latin America's new democracies.

March 26

■ *Benefit and Exhibition* The New England Committee of the Archives of American Art sponsored a preview benefit of "Kindred Spirits," an exhibition of important artists' letters and manuscripts from the collection of Professor Maurice Bloch.

March 26–29

■ *Conference Participation* The National Science Resources Center was a major participant at the annual conference of the National Science Teachers Association involving more than 500 teachers.

March 29

■ *Exhibition* "First Ladies: Political Role and Public Image," opened to the public at the National Museum of American History. It is the first major museum exhibition to study first ladies from Martha Washington to Barbara Bush in the contexts of political history, women's history, and evolving public perceptions and expectations of the office.

March 30

■ *Exhibition* An exhibition of 43 baskets, "John McQueen: The Language of Containment," opened at the Renwick Gallery of the National Museum of American Art.

April

■ *Publication* *Hail to the Candidate* by Keith Melder, a book about the American elective process featuring the National Museum of American History's Becker Collection, was published by Smithsonian Institution Press and chosen as a gift book by the Office of Development.

April

■ *Milestone* The Smithsonian National Associate Program's Contributing Membership total exceeded 70,000 households; contributions exceeded \$8 million.

April

■ *Volunteers* The Visitor Information and Associates' Reception Center's annual appreciation event for behind-the-scenes volunteers was held in the Castle.

April

■ *Symposium* An international symposium on amphipods was held at the National Museum of Natural History in honor of the late Dr. J. Laurence Barnard. Twenty-five colleagues from 12 countries presented papers on current trends and future priorities in amphipod research.

April

■ *Research* Michael Kucher of the University of Delaware and Gregory Dreicer of Cornell University began their fellowships as the first two scholars in the Smithsonian Institution Libraries/Dibner Library Resident Scholar Program. The program was established to foster the study of the history of science and technology and is funded by the Dibner Fund.

April

■ *Appointment* Sudeep Anand, formerly with Citibank as vice-president for corporate finance in India, was appointed treasurer of the Smithsonian Institution.

April

■ *Meeting* The Smithsonian National Board held its spring meeting in Charleston, South Carolina, featuring the Smithsonian Jazz Masterworks Orchestra in a free public concert.

April

■ *International Visitor* K. Nojima, of Japan's Urban Culture Foundation, and N. Ishizuka, of the Ministry of Construction, visited the Smithsonian to discuss an exchange program that brought three Japanese researchers to the Smithsonian in 1992 and sent the first of several Smithsonian researchers to Japan.

April

■ *New Equipment* A new scanning electron microscope, acquired with a grant to the Smithsonian Tropical Research Institute from the Erna and Victor Hasselblad Foundation of Sweden, was installed at the Tupper Center, making possible high-resolution photographs of organisms under study.

April

■ *Internships* The Office of Fellowships and Grants selected 26 minority interns for the summer term.

April–August

■ *New Equipment* The 6.5-meter replacement mirror for the joint University of Arizona-Smithsonian Institution Multiple Mirror Telescope was successfully cast.

April 4–8

■ *Program* The Office of Exhibits Central presented a workshop on exhibition production techniques for representatives from American Indian institutions as part of the Office of Museum Programs' "Training in Museum Work for Native Communities."

April 7

■ *Film Premiere* The Smithsonian Resident Associate Program presented the Washington premiere of *Howards End*, with producer Ismail Merchant and director James Ivory in attendance for the screening and festive reception.

April 7

■ *Lecture* A Woodrow Wilson Center program spotlighted Raul Alfonsín, former president of Argentina, who was a guest scholar at the center. Alfonsín spoke about issues in the transition to a democratic society.

April 7–9

■ *Symposium* The first Smithsonian Astrophysical Observatory "Symposium on Star Formation and Related Topics" was held in Cambridge, Massachusetts.

April 7–9

■ *Seminar* The Conservation Analytical Laboratory course "Leather for Conservators," coordinated by Senior Textiles Conservator Mary Ballard and Objects Conservator Mary Lou Garbin, was attended by 12 participants from around the United States and Canada.

April 9

■ *Death* Carmen E. Turner, under secretary since mid-December 1990, died after a long illness.

April 9

■ *Death* Martin Williams, teacher, author, critic, and lifelong student of jazz and American popular culture, died. His books ranged from histories, critiques, and commentaries on American jazz to collections of American comics.

April 10

■ **Marketing** Karen Legett, midday radio personality on Washington, D.C., station WMAL-FM, began a weekly interview with Office of Public Affairs staffers on events, exhibitions, and museum tips for listeners. The five-minute segment will continue indefinitely each Friday as part of the station's programming, at no cost to the Smithsonian.

April 11

■ **Milestone** At the National Zoological Park, a newborn gorilla was adopted by a 10-year-old female who was still nursing her own 11-month-old baby. The natural mother apparently rejected her infant and permitted the adoption, an extremely rare phenomenon.

April 11

■ **Acquisition** John Singleton Copley's portrait of *Mrs. George Watson* (1765), acquired by the National Museum of American Art, went on public view.

April 12

■ **Film Screening** In conjunction with the National Museum of American History, the Wider Audience Development Program hosted Director Steven Okazaki for a screening of his Academy Award-winning documentary of one woman's experience in Japanese American internment camps.

April 15

■ **Exhibition** "Arnold Newman's Americans," an exhibition celebrating the National Portrait Gallery's acquisition of 101 of Newman's photographs, opened at the gallery. Newman's long association with such magazines as *Life*, *Look*, *Fortune*, and *Holiday* brought him assignments to photograph most of the major personalities of post-Depression America.

April 15

■ **Exhibition Opening** "Recent Acquisitions/New Dimensions" opened at the National Museum of African Art. The exhibition featured etchings, linocuts, watercolors, tapestries, and ceramics by nine modern artists from Nigeria, Côte d'Ivoire, South Africa, and Kenya.

April 16

■ **Milestone** The National Zoo celebrated the 20th anniversary of the arrival of the giant pandas.

April 16

■ **Special Event** The Anacostia Museum, in conjunction with the Howard University Department of History, sponsored "First Freed," an observance of Emancipation in the District of Columbia.

April 20

■ **Exhibition** The Smithsonian Tropical Research Institute's bilingual exhibit "Parting the Green Curtain: The Evolution of Tropical Biology in Panama" opened at the Pontificia Universidad Católica of Ecuador, where it attracted more than 4,000 visitors.

April 20

■ **Acquisition** By special purchase through the McBurnie Fund and the Smithsonian Major Acquisitions Fund, the National Museum of American History's Division of Graphic Arts acquired a working model of a Genard printing press, dating from about 1787, that the inventor had presented to members of the French Academy.

April 22

■ **Reception** A reception was held to commemorate the National Museum of the American Indian National Campaign's first year of operation.

April 23

■ **Conference** The Rockefeller Foundation Division of Arts and Humanities cosponsored with the Office of Environmental Awareness a meeting with artists and writers to discuss ways to incorporate arts and humanities in environmental exhibitions.

April 23

■ **Cultural Diversity** As a result of the first meeting of the Office of Public Affairs' Ad Hoc Latino Media Advisory Committee, held in late November, OPA opened a Spanish-language, 24-hour, general-information phone line in cooperation with the Visitor Information

and Associates' Reception Center. A three-minute recording features highlights of Smithsonian exhibitions and activities of special interest to Latinos. One-page Spanish-language flyers were also prepared for distribution at museum information desks.

April 25-26

■ *Special Events* The National Zoo celebrated Earth Day with special animal training demonstrations, an extinct animals memorial, hands-on activities, and special talks and tours.

April 26

■ *Honor* Richard P. Wunder, an independent scholar, was awarded the fourth annual Charles C. Eldredge Prize by the National Museum of American Art for his 1991 book, *Hiram Powers, Vermont Sculptor, 1805-1873*.

April 27-May 1

■ *Conference Participation* At the Materials Research Society Meeting in San Francisco, cosponsored by the Conservation Analytical Laboratory and the Getty Conservation Institute, CAL staff, fellows, interns, and research collaborators presented 11 papers and 4 posters and served as session chairs.

April 28-30

■ *Retreat* A retreat sponsored by the Office of Environmental Awareness, held at the Donaldson Brown Center in Port Deposit, Maryland, assembled scholars and fisheries experts to plan "Ocean Planet," a traveling exhibition slated to open at the National Museum of Natural History in 1995.

April 30

■ *Cultural Heritage Observation* In honor of Asian Pacific American Heritage Month, the Wider Audience Development Program organized "Chow Mein and Salsa: Asians in the Americas." Dr. Evelyn Hu-DeHart, director of the Center for Studies of Ethnicity and Race in America at the University of Colorado at Boulder, spoke on Asians throughout the Americas.

April 30

■ *Honor* W. Richard West, Jr., director of the National Museum of the American Indian, was the honored guest at an assembly at the Native American Magnet School in Buffalo, New York. The children presented West with the proceeds from a soda can drive that the school conducted as a fund raiser for the museum.

May

■ *Grant* The Smithsonian Institution Traveling Exhibition Service, the National Museum of American History, the Office of Public Affairs, and the Office of Development hosted a major media event to announce a \$7 million grant from the Lila Wallace-Reader's Digest Fund awarded to the Smithsonian for a 10-year jazz initiative entitled "America's Jazz Heritage." The award is the largest single grant ever given to the Smithsonian. The news conference included a performance by the Smithsonian Jazz Masterworks Orchestra.

May

■ *Workshop* "Space for Women," a one-day workshop at the Smithsonian Astrophysical Observatory on opportunities and options for women in astronomy, astrophysics, and the earth sciences, attracted Boston-area high school students.

May

■ *International Conference* The Smithsonian Environmental Research Center helped host Water Quality International, a research conference of the International Water Pollution Control Federation attended by 5,000 scientists and engineers from more than 50 countries.

May

■ *Acquisition* The National Museum of African Art acquired 12 etchings by Mohammad Omer Khalil, a living Sudanese artist born in 1936.

May

■ *Award* "Moving America's Mail," a short video produced by the Office of Telecommunications for the new National Postal and Philatelic Museum, won two

MUSE Awards from the American Association of Museums as best in category and third place in the overall competition.

May

■ *Grants* James Smithsonian Society grants totaling \$430,850 were awarded to 15 Smithsonian projects.

May

■ *Museum Shops* A new museum shop sales component opened in the Smithsonian Information Center.

May

■ *Conference Participation* At the first National Science Foundation-sponsored National Forum on Children's Science Books, National Science Resources Center Director of Publications Kathleen Johnston chaired a panel on publishers' and reviewers' views of children's science trade books.

May

■ *Publication* The Office of Elementary and Secondary Education published "Band Music in American Life," the first in the office's *Smithsonian Chronicles* series of primary source portfolios for high school use.

May 2

■ *Lecture* Filipino American labor leader Philip Vera Cruz spoke on his role in the establishment of the United Farm Workers Union. His talk was coordinated by the Wider Audience Development Program.

May 5

■ *Donation* The estate of Earl S. Tupper donated \$1.5 million to the Smithsonian Tropical Research Institute to support scientific research on tropical biology. An additional \$1 million annually for 1993 and 1994 was part of the donation.

May 12

■ *Gift* The Garden Club of American presented Secretary Robert McC. Adams with the deed of gift for the historic collection of more than 30,000 glass-plate slides, photographs, and 35mm slides depicting

American gardens and parks, along with related files. The collection will become part of the Smithsonian's Archives of American Gardens.

May 13-15

■ *Conference* Cooper-Hewitt, National Museum of Design cosponsored a conference, "Universal Design: Access to Daily Living," in conjunction with Pratt Institute and Columbia University College of Physicians and Surgeons' Department of Rehabilitation Medicine. The conference was a forum on design issues that affect people with disabilities.

May 14

■ *Education Program* The National Air and Space Museum's Education Office, Department of Space History, and Laboratory for Astrophysics presented the first museum "School Night." The program brings local students, teachers, and administrators into the museum after public hours for a program of lectures, films, and demonstrations.

May 15

■ *Symposium* Dumbarton Oaks and the Arthur M. Sackler Gallery cosponsored a symposium, "Mughal Gardens: Sources, Representations, Places, and Prospects," to examine historical, political, social and artistic aspects of the gardens of Mughal India. The meeting opened with a lecture by Elizabeth Moynihan; the Sackler Gallery session of the two-day event was made possible through the generosity of Mrs. Arthur M. Sackler.

May 19

■ *International Briefing* At a special briefing breakfast in Washington, D.C., National Museum of the American Indian Director W. Richard West, Jr., informed embassy officials and the international media about the National Museum of the American Indian collection and the National Campaign.

May 20

■ *Exhibition* The National Air and Space Museum opened "Republic P-47 Thunderbolt," the first in the museum's "Air Power in World War II" series, which will run through 1995.

May 21

■ *Tour* An Archives Society members' tour, private viewing of the art collection, and tour of the grounds of the Forest Hills Cemetery in Jamaica Plain, Boston (established in 1848) was sponsored by the New England Regional Center of the Archives of American Art. The tour provided a rare view of what has been hailed as Daniel Chester French's greatest work, *The Angel of Death Staying the Hand of the Sculptor*, a bronze memorial to the noted 19th-century sculptor Martin Milmore.

May 21-22

■ *Workshop Series* The Conservation Analytical Laboratory, the National Gallery of Art, and the Canadian Conservation Institute presented "Art in Transit," the first in a series of workshops to be held in the United States and Canada. The workshop attracted 78 participants.

May 26-31

■ *Conference Participation* Wider Audience Development Program Director Marshall Wong coordinated a panel titled "Preserving Our Collective Memory: Museological Issues Facing the Asian Pacific Community" at the annual conference of the Association of Asian American Studies.

May 27

■ *Cultural Diversity* The Smithsonian Institution Libraries were awarded \$37,500 by the James Smithson Society to establish a pilot program for a postgraduate residency for minorities in library and information science.

May 27

■ *Benefit and Exhibition* The Archives of American Art West Coast Regional Center, San Marino, California, sponsored a preview benefit of "Semina," an exhibition devoted to the underground publication (1957-63). *Semina* was co-produced by Wallace Berman (1926-76), a leading artist in California during the 1950s and 1960s. The Archives recently acquired the Berman papers.

May 27-30

■ *Workshop* The first International Workshop on Luminous High Latitude Stars was held at the Smithsonian Astrophysical Observatory.

May 28

■ *Conference* A conference on "Education Improvement Planning" was held at the Smithsonian, cosponsored by the Office of the Assistant Secretary for Education and Public Service and the Society for Applied Learning Technology. The development of standards and practices in the application of technology to learning methods for school personnel was the subject.

May 28-30

■ *Special Event* As part of its increasing focus on individual fund raising, the Office of Development sponsored a weekend of activities, "Exploring the Smithsonian Universe," for top individual donors and prospects.

May 29-30

■ *Symposium* A symposium titled "Contemporary American Culture," organized by the National Museum of American Art, was held in conjunction with the exhibition "Chicano Art: Resistance and Affirmation, 1965-1985."

Summer

■ *Research* A field team led by a National Museum of Natural History paleoanthropologist found the first fossil skeletal evidence (a million-year-old molar tooth) of hominids at Olorgesailie in Kenya since excavations were initiated at this site by the Leakeys 50 years ago.

June

■ *Volunteers* Twenty-four men and women completed the National Museum of African Art's nine-month docent training program. The museum now has 88 weekday and weekend docents.

June

■ *Internships* The Office of Fellowships and Grants negotiated a second-year contract with the Quality Education for Minorities Network to sponsor three interns to come to the Institution.

June

■ *Tour* The Archives of American Art Detroit Council organized the members' art tour, "A Splash of Sunshine

in the Rockies," to explore the landscapes, history, and lifestyles that characterized some of the art of the American West.

June

■ **New Facility** The Centre for the Study of Biological Diversity opened on the campus of the University of Guyana. A joint project of the National Museum of Natural History, the university, and the World Wildlife Fund, the center provides library, office, laboratory, and collection space for studies of the flora and fauna now under way by the museum's Biodiversity of the Guianas project in collaboration with the university.

June

■ **Exhibition** The Smithsonian Institution Traveling Exhibition Service hosted the traveling exhibition "Art as Activist: Revolutionary Posters from Central and Eastern Europe" in the International Gallery. Former Czech and Slovak Republic Ambassador Rita Klimova gave the keynote address at a special reception.

June

■ **Conference Participation** Assistant Secretary for External Affairs Thomas E. Lovejoy represented the United States as an alternate delegate at the United Nations Conference on Environment and Development in Rio de Janeiro.

June

■ **Conference** The Office of the Assistant Secretary for External Affairs cosponsored a conference with the United Nations University, "The Definition and Measurement of Sustainability: The Biophysical Foundations."

June

■ **Exhibition Videos** Five videos produced by the Office of Telecommunications accompanied the "American Encounters" exhibition at the National Museum of American History.

June

■ **Publication** *Exhibiting Cultures: The Poetics and Politics of Museum Display*, edited by Ivan Karp of the National Museum of Natural History and Steven Lavine, had its

third printing by Smithsonian Institution Press only a year after publication. The book was drawn from a Smithsonian–Rockefeller Foundation conference.

June

■ **Travel Program** Fifty-eight Contributing Members of the Smithsonian National Associate Program traveled to northern Japan and Russia's far east on an exclusive three-week study tour with Assistant Secretary for the Sciences Robert Hoffmann and William Fitzhugh and James Luhr of the National Museum of Natural History.

June

■ **New Facility** Architects and engineers were selected to design and construct the National Museum of the American Indian cultural resources facility in Suitland, Maryland. The facility is expected to be completed in 1997.

June

■ **Acquisition** The National Museum of African Art acquired a monumental Ubangi slit drum carved in the form of a bush cow.

June 2–7

■ **Conference Participation** At the annual meeting of the American Institute for Conservation of Historic and Artistic Works held in Buffalo, New York, Conservation Analytical Laboratory staff and interns presented 12 papers.

June 4

■ **Luncheon** Julie Harris, celebrated stage and screen actress, was guest of honor at a luncheon and spoke to National Portrait Gallery docents. Harris was in Washington starring in the role of a docent in the play *Lettice and Lovage* at the National Theater.

June 4

■ **Visitor Services** Bus service between the National Mall and the Anacostia Museum was inaugurated. The bus also transports local school and civic groups to the Anacostia Museum.

June 9

■ *Conference Participation* Anacostia Museum Director Steven Newsome was a featured speaker at the "Politics of Collecting" conference in Walsall, England.

June 11

■ *Lecture* At a Woodrow Wilson Center Evening Dialogue on "Federalism: Problems and Prospects of a Constitutional Value," Associate Justice Sandra Day O'Connor addressed the complex jurisdictional problems raised by the pattern of American federalism.

June 11

■ *Exhibition* "Crosscurrents of Modernism: Four Latin American Pioneers," an exhibition organized by the Hirshhorn Museum and Sculpture Garden as part of the Smithsonian's Quincentenary observance, opened with 94 works by Mexican Diego Rivera, Uruguayan Joaquín Torres-García, Cuban Wifredo Lam, and Chilean-born Matta. A bilingual (Spanish and English) catalog and brochure were published for the exhibition. Educational events included a scholarly symposium on June 27 and a festival-family day celebration on September 5.

June 11-12

■ *Conference* "Analytical Image Processing in Art and Archives," organized by the Conservation Analytical Laboratory and the National Archives and Records Administration, brought together some 40 people from the United States, Canada, and Europe who use digital image processing in conservation, art history, and archaeology.

June 12-July 8

■ *Workshop* "Design and Planning of Museum Facilities" was arranged by the Office of Museum Programs for architects from Ghana working to restore Elmina Castle.

June 15

■ *Benefit* A celebrity art auction to benefit the National Museum of the American Indian was sponsored by Washington Artworks, a volunteer group that includes many members of Congress, their spouses, local business leaders, and arts patrons. Mrs. George Bush served

as honorary chair, and Bob Schieffer of CBS News was master of ceremonies. The auction netted approximately \$60,000.

June 16, June 30, July 7, July 21

■ *Lecture-Performances* "De Generación a Generación," a summer lecture-concert series at Cooper-Hewitt, National Museum of Design explored the culture and traditions that give form and meaning to Mexican craft, ritual, music, film, and dance.

June 17

■ *Conservation* The two-year conservation of *Harmony in Blue and Gold: The Peacock Room*, the only surviving interior scheme by American expatriate artist James McNeill Whistler, was completed in the Freer Gallery of Art. The project planning and execution involved the Freer staff and conservators from the University of Delaware/Winterthur Art Conservation Program. The project was supported by the Getty Grant Program of the J. Paul Getty Trust, the James Smithsonian Society, and the Mars Foundation.

June 22

■ *Acquisition* The National Numismatic Collection of the National Museum of American History acquired from Frank Kovacs of San Mateo, California, a gift of 142 counterfeit dies of ancient Greek, Roman, and Byzantine coins. The dies will allow identification and documentation of counterfeit coins previously thought authentic by experts and museums throughout the world.

June 22

■ *Celebration* More than 5,000 people attended Juneteenth '92 at the Anacostia Museum, an annual observance of the day that slaves in Texas learned about the signing of the Emancipation Proclamation. Live performances, craft demonstrations, storytelling, and puppetry were featured.

June 22-26, July 22-24

■ *Summer Institute* The National Science Resources Center held two Elementary Science Leadership Institutes for 29 participating teams of administrators, curriculum and instruction supervisors, science

coordinators, master teachers, scientists, and business and industry representatives to study the use of hands-on curriculum units to improve elementary science programs. Sponsors included Dow Chemical Company Foundation and the Hewlett-Packard Company. For the first time, two foreign teams—from Mexico and Ontario, Canada—attended the institute.

June 22

■ *Summer Seminars* The Office of Elementary and Secondary Education offered 12 summer seminars for teachers, the product of collaborations with five museums, the Smithsonian Environmental Research Center, and the Experimental Gallery. More than 250 teachers studied such topics as the arts of China, teaching ecology, cross-cultural communications, and the history of U.S. political protest.

June 23

■ *Exhibition* Rare Sumatran tiger cubs, born in March, went on exhibit in conjunction with the opening of the National Zoo's first children's activity spot, Tiger Stop.

June 24

■ *Exhibition* "American Encounters," the National Museum of American History's Columbus Quincentenary exhibition, opened. The exhibition uses historic and contemporary artifacts, works of art, and audio and video recordings of stories, music, and dance to explore the cultures and coexistence of American Indian, Hispanic, and Anglo-American peoples in the Rio Grande Valley of New Mexico that began in 1539 with the arrival of Spanish soldiers and missionaries.

June 25–July 5

■ *Festival* The 26th annual Festival of American Folklife, produced by the Center for Folklife Programs and Cultural Studies, featured programs on the state of New Mexico, "Creativity and Resistance: Maroon Culture in the Americas," "The Changing Soundscape in Indian Country," and "Workers at the White House."

June 29–August 7

■ *Education Program* In the continuing, innovative partnership between the National Museum of American History and Washington, D.C., public schools, five high

school juniors from the Duke Ellington School of the Arts inaugurated the museum's pilot Young Interpreters Program, performing vignettes in the "Field to Factory" exhibition, giving demonstrations throughout the museum, and learning how to research and create historically based characters for presentation in exhibition spaces.

June 30

■ *Conference* A conference on Maroon culture coordinated by the Center for Folklife Programs and Cultural Studies with the cooperation of the International Center included leaders and scholars of Maroon communities in Suriname, French Guiana, Jamaica, Ecuador, Colombia, and Texas.

July

■ *Tour* The West Coast Support Committee of the Archives of American Art sponsored a members' art tour of Seattle. Private collectors, museum directors, and artists were hosts to Archives members on this special "insiders" tour.

July

■ *Acquisition* The Folkways Archives and Collections, Center for Folklife Programs and Cultural Studies, acquired the Lee Hayes papers, documentation from the early days of Folkways Records. Hayes was a member of the Almanac Singers and a key figure in the labor and folk revival movement.

July

■ *Publication* The Smithsonian Institution Press book *Sharks in Question*, by Victor Springer and Joy Gold, was published in Japanese by Heibonsha Publications, Ltd.

July

■ *Publication* The Smithsonian Institution Press book *Tex Johnston: Jet-Age Test Pilot*, by A. M. "Tex" Johnston with Charles Barton, was published for the mass market by Bantam.

July

■ *Grant* The National Science Resources Center was awarded a \$4 million four-year grant from the National

Science Foundation through the National Academy of Sciences in support of the Science and Technology for Children project.

July

■ *Staff Appointment* Patricia McClure was appointed the National Science Resources Center's first director of information dissemination.

July

■ *Education* The Java History Trail opened to the public at the Smithsonian Environmental Research Center. This educational exhibit features American Indian and colonial history along the shore of the Chesapeake Bay as well as the effects of current land use. The trail consists of several miles of paths, boardwalks, and exhibits.

July 1

■ *Public Program* A Boko Dei, a Guyanese Maroon celebratory event, was coordinated by the Center for Folklife Programs and Cultural Studies and held at night on the National Mall with the cosponsorship of the Anacostia Museum and the National Museum of American History.

July 1

■ *Special Event* The Anacostia Museum sponsored "An Evening with Katherine Dunham" at the S. Dillon Ripley Center. The program featuring the legendary dancer, choreographer, and anthropologist was moderated by Professor Yvonne Daniels, Smith College. Dunham also participated in the Festival of American Folklife.

July 1

■ *Fellowships* The Office of Museum Programs announced the first recipients of the Fellowships in Museum Practice, the only fellowship program in the country that funds museology research.

July 7

■ *Intern Program* The Office of Museum Programs began its annual Museum Careers Program for Smithsonian Interns, a four-week program offering information on museum jobs, career planning, and job search.

July 8

■ *Meeting* Native Americans from Latin America and the National Museum of the American Indian staff held a planning meeting for consultations with Latin American constituencies planned for 1993.

July 12-14

■ *Workshop* "Seeking Other Planetary Systems," a workshop on the role of stellar velocity measurements in NASA's SETI programs, was held at the Smithsonian Astrophysical Observatory.

July 13

■ *Grant* The Smithsonian Tropical Research Institute received a three-year grant for \$75,000 from Citibank Corporation for support of a training program at the new Mpala Research Center in Kenya.

July 17-19

■ *Benefit* The second annual Celebration for the American Indian was held in Aspen, Colorado. This three-day fund raiser for the National Museum of the American Indian featured more than 50 award-winning artists from around the country, traditional Indian dancing, storytellers, children's activities, and a Patrons Dinner Dance and Art Auction.

July 20-24

■ *Residencies* The Awards for Museum Leadership program, a resident study program for people of color who work in museums, was held by the Office of Museum Programs.

July 23

■ *Agreement* John Christy, Smithsonian Tropical Research Institute assistant director for marine research, and three Kuna chiefs representing the Kuna General Congress signed the new agreement for the continuation of research activities in the San Blas area, where STRI maintains a field station.

July 24

■ *Grant* The Corporation for Public Broadcasting awarded \$55,000 to the Office of Telecommunications

and the Native American Public Broadcasting Consortium for production of two special programs in the "Spirits of the Present" radio series.

July 24

■ **Exhibition** "Noble Heritage: Five Centuries of Portraits from the Hosokawa Family" opened at the National Portrait Gallery. This exhibition featured family portraits from the 14th to the 19th centuries and included significant associated objects such as armor, costumes, and scrolls.

July 27

■ **Appointment** Charles A. Hines of Fort McClellan, Alabama, commanding general of the U.S. Army Military Police and Chemical Centers, was appointed director of the Office of Protection Services, effective August 24.

July 28

■ **Performance** The National Dance Institute gave a performance in the Arthur Ross Terrace and Garden of the Cooper-Hewitt, National Museum of Design. The institute is the creation of Jacques D'Amboise and features inner-city schoolchildren as dancers.

July 28–September 30

■ **Exhibition** An exhibition of 20 Resident Associate Program–commissioned art works, "From the Wall of the Smithsonian," was on view at the Children's Hospital in Washington, D.C., in its first showing outside the Smithsonian.

July 31

■ **Spaceflight** The Tethered Satellite System (TSS-I), conceived by the Smithsonian Astrophysical Observatory, made its first flight aboard the space shuttle *Atlantis*.

August

■ **Award** *Smithsonian* magazine was awarded the National Association of Black Journalists' first place award of excellence for "Outstanding Coverage of the Black Condition" for the article "Against All Odds, Black Seminole Won Their Freedom."

August

■ **Publication** The *Smithsonian Book of Washington, D.C.* was released by Smithsonian Institution Press. The book is a multiauthored look at the cultural, historical, and political city of monuments and parks, of neighborhoods and nature trails, and home to the Smithsonian.

August

■ **Grant** Smithsonian National Associate Program fund-raising efforts resulted in a generous grant from the California State Humanities Council for events in nine California cities in 1993.

August

■ **Fund Raising** Net unrestricted income from a Smithsonian National Associate Program's spring 1992 fund-raising appeal to Contributing Members regarding the Smithsonian's Native American programs exceeded \$200,000.

August

■ **Contract** The Smithsonian Tropical Research Institute was awarded a one-year contract for more than \$400,000 from the Marine Spill Response Corporation to continue the critical research documenting the effects of oil pollution on tropical coral reefs and mangrove communities.

August

■ **Public Programs** As part of a new series of public programs at the National Museum of African Art titled "Living Traditions," Gilbert Bobbo Ahiagble, a Ewe weaver from Ghana, spent a week at the museum demonstrating Ewe weaving on a traditional narrow-strip loom.

August 9

■ **Exhibition** "Diverse Concepts," an exhibition of works by artists who live in the Anacostia community and surrounding neighborhoods, opened at the Anacostia Museum.

August 9

■ **Exhibition** "Ancient Japan," the first loan exhibition from Japan held at the Arthur M. Sackler Gallery,

opened to an enthusiastic public. Visitor interest in the exhibition—which included many recently excavated artifacts, some tentatively dated by archaeologists to 200,000 B.C.—was reflected in the gallery's highest monthly visitor count since 1989.

August 19

■ **Exhibit** The National Zoo opened the new Cheetah Conservation Station, a multipurpose exhibit that will encourage the breeding and study of this rare species and permit the public to see cheetahs chasing a high-speed plastic lure.

August 20

■ **New Resource** The Office of Printing and Photographic Services opened the first on-line library of Smithsonian digital photographs on the computer network Internet.

August 26

■ **Special Event** Washington, D.C., Mayor Sharon Pratt Kelly was the guest of honor at the opening reception for the Fifth National Convention of the Asian American Journalists Association, held at the Arthur M. Sackler Gallery and cosponsored with the Gannett Co., Inc.

August 26–27

■ **Symposium** The Conservation Analytical Laboratory cosponsored "Polymers in Museums," a symposium at the 204th American Chemical Society national meeting in Washington, D.C. Organic Chemist Mary T. Baker organized the session, and Baker and CAL Director Lambertus van Zelst were session chairs. Other CAL staff were presenters and coauthors of papers.

September

■ **Exhibitions** During fiscal year 1992, the Smithsonian Institution Traveling Exhibition Service circulated 243 exhibitions in all 50 states, the District of Columbia, Puerto Rico, and Canada.

September

■ **Recording Release** *Roots of Rhythm and Blues: A Tribute to Robert Johnson* was released. Produced by Smithsonian/Folkways Recordings of the Center for Folklife

Programs and Cultural Studies and Columbia Records from the 1991 Festival of American Folklife program, was released.

September

■ **Publication** Smithsonian Institution Press released *Frontiers of Flight*, which highlights famous airplanes in the National Air and Space Museum collection and is a companion volume to the series of the same name, which aired for 13 weeks on the Discovery Channel beginning September 27.

September

■ **Publication** *Seeds of Change*, edited by Herman Viola and Carolyn Margolis and originally published by Smithsonian Institution Press, was published in Spanish by Educar Recreativa in Bogota, Colombia.

September

■ **Publication** The classic Smithsonian Institution Press title, *The First Book of Grasses*, by Agnes Chase, was published in Portuguese by the Instituto de Botanica in São Paulo, Brazil.

September

■ **Milestone** Participation in the Smithsonian National Associate Program's domestic study tours increased 8 percent over fiscal year 1991. Foreign study tour enrollment increased 14 percent, and Smithsonian Odyssey tour participation increased 40 percent.

September

■ **Milestone** The Smithsonian National Associate Program's Research Expedition division had a record-breaking year with 20 teams of Associates participating in scientific projects. A total of \$202,000 was contributed to the Smithsonian, along with more than 13,000 hours of volunteer labor.

September

■ **Exhibition** The Smithsonian Tropical Research Institute opened an exhibition, "Wildflowers of Soberania National Park," with photos by Nicholas Smythe that illustrate the diversity of flowering plants in one of the field sites used by STRI researchers.

September–November

■ **Exhibition** “The Good, the Bad, and the Cuddly,” the National Zoological Park’s exhibition on human attitudes toward animals, was open to the public in the Experimental Gallery, located in the Arts and Industries Building.

September 1–2

■ **Exposition** The National Air and Space Museum presented the International Space Year Exhibition of Robots for Exploring New Worlds (“Rover Expo”) with co-hosts NASA and the Planetary Society. The expo, which drew nearly 5,000 visitors on its first day, showcased the largest gathering of interplanetary rovers ever.

September 4

■ **Milestone** The National Air and Space Museum’s “Star Trek” exhibition received its 500,000th visitor.

September 6

■ **Training Program** The Ghana Museum Training Program, a six-month program in collaboration with the Smithsonian’s Office of African and Caribbean Affairs, began. Five individuals will receive training in exhibition design and production, museum education and interpretation, and photographic methods.

September 11

■ **Film and Lecture Series** The National Air and Space Museum began its “Legend, Memory, and the Great War in the Air” film and lecture series. The series, which included lectures by John Keegan, John Morrow, Jr., and Lynne Handley, was presented in conjunction with the museum’s new World War I gallery.

September 11

■ **Repatriation** The Board of Trustees of the National Museum of the American Indian voted to repatriate nine objects associated with the Cranmer Kwakiutl Potlatch of 1921 and acquired by George Gustav Heye in 1922.

September 11

■ **Publication** *Looking at Earth*, by Priscilla Strain and Frederick Engle of the National Air and Space Museum’s Center for Earth and Planetary Studies, was

published. The book presents images from spacecraft, providing insight into the planet’s surface and environment and is based in part on research conducted for the museum’s exhibition gallery of the same name.

September 15

■ **Exhibition** The National Zoo opened its new Reptile Discovery Center, which features state-of-the-art interactive exhibits in the Reptile House.

September 16

■ **Exhibition** “Directions—Tim Rollins and K.O.S.: Animal Farm” opened at the Hirshhorn Museum with a talk by this widely acclaimed artist-teacher and the Kids of Survival, his collaborative of mostly Latino junior and senior high-school students from the South Bronx, New York. During the year, the museum’s series of small-scale “Directions” shows also featured works by Brazilian-born sculptor Saint Clair Cemin, Spanish-born installation artist Francesc Torres, and German photographer Thomas Struth.

September 20–27

■ **Special Events** The Office of Development held four major donor and volunteer events: a Regents dinner honoring top donors and prospects; the Smithsonian National Board annual meeting in Washington; the second annual dinner dance for the Smithsonian Benefactors’ Circle, a distinguished recognition society for major Institutional donors, and its honorary founder, Enid A. Haupt; and the first annual meeting of the Smithsonian Corporate Membership Program.

September 23

■ **Fund Raising** About 150 people attended a fund-raising dinner in Atlanta for the National Museum of American Indian. The benefit, which included the dinner and a silent auction, was hosted by Ken Rhyne (Tuscarora), president of Rhycof Design Associates, and a volunteer committee member.

September 23

■ **Death** Paul Edward Garber, historian emeritus and Ramsey Fellow of the National Air and Space Museum, died at age 93. He had been associated with the Smithsonian for 72 years.

September 25

■ *Exhibition* "American Crafts: The Nation's Collection" opened at the Renwick Gallery of the National Museum of American Art, marking the gallery's 20th anniversary.

September 26

■ *Cultural Diversity* A dinner and reception cosponsored by the Office of the Assistant Secretary for Education and Public Service with the Hispanic Association of Colleges and Universities marked the beginning of closer collaboration between the Smithsonian and HACU.

September 27

■ *Television Series* "Frontiers of Flight," a 13-part television series examining the history of aviation and early space flight, premiered. The series was produced by the National Air and Space Museum and the Discovery Channel.

September 30

■ *New Facility* Construction was completed on the new headquarters of the National Postal Museum at the former Washington, D.C., post office adjacent to Union Station. The museum is scheduled to open to the public in July 1993.

Appendix I

Members of the Smithsonian Councils, Boards, and Commissions, September 30, 1992

Boards, councils, and commissions that serve the Institution as a whole are listed first. Those that are connected with individual bureaus or offices are listed in order according to the position of the sponsoring bureau or office within the organization list on page 4.

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Appendix 2

Visits to Smithsonian Institution Museums and Galleries in Fiscal Year 1992

	Oct 91	Nov 91	Dec 91	Jan 92	Feb 92	Mar 92	Apr 92	May 92	Jun 92	Jul 92	Aug 92	Sep 92	Total
AM	1,833	1,123	1,762	3,026	5,604	4,394	5,214	3,498	11,326	8,000	4,044	2,178	52,002
ASG	19,920	18,070	17,576	17,056	14,464	32,378	35,299	28,177	26,565	30,322	45,115	26,855	311,797
A&I	87,461	72,790	64,096	46,726	64,931	94,109	123,610	104,078	118,339	146,682	141,560	77,805	1,142,187
CH	7,833	7,340	6,967	6,144	5,640	6,051	5,889	6,067	6,876	14,242	8,497	5,993	87,539
HMSG	75,907	69,598	48,262	34,524	47,488	70,425	96,567	93,796	89,716	98,708	88,166	59,329	872,486
NASM	589,362	512,882	364,874	332,066	398,344	723,189	1,003,355	835,934	833,737	1,206,820	1,187,502	592,173	8,580,238
NMAFA	25,153	27,240	19,936	19,916	27,537	30,859	39,088	39,516	32,877	46,650	42,750	22,439	373,961
AA&PG	35,646	32,408	25,219	28,418	50,377	34,792	40,736	40,476	38,151	38,644	39,970	30,740	435,577
NMAH	397,520	354,249	305,513	206,467	286,348	466,209	826,624	642,012	595,309	706,330	648,976	307,117	5,742,674
NMAI	3,610	3,977	3,179	3,248	3,227	4,136	4,095	3,339	2,598	3,633	3,499	2,428	40,969
NMNH	497,150	569,408	438,518	342,449	367,519	546,327	810,374	749,806	675,952	805,042	944,750	417,138	7,164,433
RG	12,184	10,930	10,105	8,600	9,063	9,838	13,043	9,750	8,568	10,181	9,848	9,249	121,359
RC	34,753	46,590	42,324	35,357	13,177	19,933	25,158	21,221	22,861	27,966	17,237	10,520	317,097
SI	91,166	74,472	62,899	53,980	69,184	119,651	208,394	167,600	184,162	243,006	233,138	136,852	1,644,504
Total	1,879,498	1,801,077	1,411,230	1,137,977	1,362,903	2,162,291	3,237,446	2,745,270	2,647,037	3,386,226	3,415,052	1,700,816	26,886,823

Abbreviations: NMAFA, National Museum of African Art; NASM, National Air and Space Museum; AA&PG, National Museum of American Art and National Portrait Gallery; NMAH, National Museum of American History; NMAI, National Museum of the American Indian; AM, Anacostia Museum; A&I, Arts and Industries Building; CH, Cooper-Hewitt, National Museum of Design; HMSG, Hirshhorn Museum and Sculpture Garden; NMNH, National Museum of Natural History; RG, Renwick Gallery; RC, S. Dillon Ripley Center; SI, Smithsonian Institution Building (Castle); ASG, Arthur M. Sackler Gallery.

Notes:

The Freer Gallery of Art was closed during this reporting period.

Estimated number of visitors to the National Zoological Park is 3,157,000. (The very nature of the Park, with its indoor and outdoor exhibits and its several pedestrian and vehicular entrances, makes it impossible to obtain exact visitor statistics. To overcome this difficulty, the Zoo has developed a reliable sampling system, which was used to determine this fiscal year 1992 estimate.)

Appendix 3

Academic, Research Training, and Internship Appointments and Research Associates in Fiscal Year 1992

The first section of this Appendix lists recipients of fellowships and other appointments awarded to scholars and advanced students under the auspices of the Office of Fellowships and Grants. Students and museum professionals who held museum internships or participated in special projects administered by the Office of Museum Programs are listed in the second section. The third section contains a listing of Smithsonian Research Associates.

Academic and Research Training Appointments

The Smithsonian offers, through the Office of Fellowships and Grants, research and study appointments to visiting scientists, scholars, and students. The appointees are provided access to the Institution's facilities, staff specialties, and reference resources. The persons—listed by bureau or office—in this Appendix began their residencies between October 1, 1991, and September 30, 1992, and have been in residence for three months or longer. Predoctoral and Postdoctoral Fellows, Visiting Scientists or Scholars, and other awardees and participants in special programs are so listed. Listed for each Fellow or Visitor is the institution where each received, or expects to receive, a degree or the home university or institution; a brief description of the project undertaken at the Smithsonian; the Smithsonian advisor; and dates of residency.

Sciences

Conservation Analytical Laboratory

Meredith Aronson, Predoctoral Fellow, University of Arizona. "Study of Ceramic Technology of Late Formative West Mexico," with Pamela Vaniver, from November 1, 1991 to October 31, 1992.

Susan T. Childs, Postdoctoral Fellow, Boston University. "Iron, Copper, and Socio-political Change in Southeastern Zaire," with Ronald Bishop and James Blackman, from September 1, 1992 to August 31, 1993.

Marina Delaney, Postgraduate Conservation Intern, University of Delaware. "Study of Spanish Colonial Painting Methods and Techniques," with Roland Cunningham, from September 1, 1992 to August 31, 1993.

Elyse Klein, Postgraduate Conservation Intern, Queen's University. "The Consolidation of Matte Paint Films on Contemporary Paintings," with Roland Cunningham, from October 1, 1991 to September 30, 1992.

Holly Lundburg, Postgraduate Conservation Intern, Institute of Archaeology (London). "Archaeological Conservation Techniques On-site and in CAL," with Carol Grissom, from September 7, 1992 to September 6, 1993.

Linda Stathoplos, Visiting Scientist, University of Rhode Island. "Examination of Fish Bone Extracts for the Presence of Noncollagenous Proteins," with Noreen Tuross, from November 1, 1991 to April 30, 1992.

National Museum of Natural History

Bernardo Arriaza, Postdoctoral Fellow, Arizona State University. "The Study of Inflammatory Arthritis in Prehistoric Americans," with Donald Ortner, from June 1, 1992 to May 31, 1993.

Susan Arter, Visiting Scientist, George Washington University. "The Powers Phase Project II," with Melinda Zeder, from October 1, 1991 to September 30, 1993.

Garrick Bailey, Senior Postdoctoral Fellow, University of Tulsa. "Osage Cosmology and Ritual: The Selected Works of Francis La Flesche," with William Sturtevant, from January 1, 1992 to August 31, 1992.

Elizabeth Balser, Graduate Student Fellow, Clemson University. "Development and Structure of the Spongy and Axial Organ in the Larval Crinoid, *Comactinia echinoptera*," with Mary Rice, from November 10, 1991 to January 17, 1992.

David Bogler, Graduate Student Fellow, University of Missouri. "Phylogeny of *Dasyliirion* (Agavaceae) and Related Genera Based on 18S and 26S Ribosomal RNA Sequences," with Elizabeth Zimmer, from January 13, 1992 to March 23, 1992.

- Martin Cavalluzzi, CCRE Visiting Scientist, College of William and Mary. "Distribution, Feeding Ecology, and Growth of Larval Blennioid Fishes," with G. David Johnson, from January 1, 1992 to August 1, 1992.
- Gregory W. Courtney, Postdoctoral Fellow, University of Missouri. "Phylogenetic Relationships and Higher Classification of Net-winged Midges (Diptera: Blephariceridae)," with Wayne Mathis, from October 1, 1991 to September 30, 1992.
- Thomas Cowger, Predoctoral Fellow, Purdue University. "National Congress of American Indians, 1944- mid 1960s," with James Glenn, from December 16, 1991 to December 15, 1992.
- Patchin Curtis, Postdoctoral Fellow, University of North Carolina. "Petrogenesis and Evolution of Mantle Source Compositions from the Tertiary to the Recent in the Turkana Depression, East African Rift," with James Luhr, from December 1, 1991 to November 30, 1992.
- Will Davis, CCRE Visiting Scientist, U.S. Environmental Protection Agency. "Ecology Specializations and Population Characteristics of the Mangrove Rivulus, (RIVULUS MARMORATUS), in the Cays of Belize," with Klaus Ruetzler, from December 1, 1991 to March 1, 1992.
- Christopher Decorse, Postdoctoral Fellow, University of California. "Culture Contact, Continuity, and Change in West Africa, 1400-1900 A.D.," with Theresa Singleton and Chris Geary, from September 20, 1992 to June 19, 1993.
- Michael Donoghue, Andrew W. Mellon Fellow, University of Arizona. "Research Relating to Analyses of Plant Diversification," with Elizabeth Zimmer, from March 1, 1992 to June 30, 1993.
- Rosemary G. Gillespie, Postdoctoral Fellow, University of Tennessee. "Pattern and Process in the Species Radiation of the Genus *Tetragnatha* in Hawaii," with Jonathan Codrington, from May 1, 1992 to April 30, 1993.
- Anna Graybeal, Predoctoral Fellow, University of California, Berkeley. "A Molecular and Morphological Analysis of Phylogenetic Relationships Among North American toads," with Roy McDiarmid, from January 1, 1992 to December 31, 1992.
- Nicholas Herrmann, Graduate Student Fellow, University of Missouri, St. Louis. "The Bioarchaeology of the Jefferson Avenue Cemetery," with Douglas Owsley, from February 1, 1992 to April 10, 1992.
- Mark A. Hershkovitz, Postdoctoral Fellow, University of California, Davis. "The Role of Developmental Genes in Floral Evolution of *Display Calandrinia*," with Elizabeth Zimmer, from September 14, 1992 to September 13, 1994.
- Darlene D. Judd, Graduate Student Fellow, A & M University. "Establishing Monophyly of the Genus *Phoniomyia* Theobald (Diptera: Culicidae: Sabethini)," with Wayne Mathis, from September 29, 1992 to November 27, 1992.
- Maria Kiriakidu, Graduate Student Fellow, George Washington University. "Use-Wear Analysis of the Stone Tool Assemblage From the Casper Site: a Hell Gap Bison Kill in Wyoming," with Dennis Stanford, from September 1, 1992 to November 9, 1992.
- Jean-Luc Loizeau, Visiting Scientist, University of Geneva. "Quaternary Evolution of Lagoons of the Nile Delta," with Daniel Stanley, from December 2, 1991 to October 2, 1992.
- Joy McCorriston, Postdoctoral Fellow, Yale University. "Land Use and Environmental Change in the Khabur Basin, Syria," with Bruce Smith, from February 2, 1992 to January 31, 1993.
- Damhnait McHugh, Predoctoral Fellow, University of California, Santa Cruz. "The Use of Phylogenetic Systematics in the Study of Life History Evolution of Terebellid Polychaetes," with Kristian Fauchald, from September 14, 1992 to September 14, 1993.
- Karen McKee, CCRE Visiting Scientist, Louisiana State University. "Mangrove Regeneration Subsequent to Clear-felling: Factors Influencing Seedling Recruitment and Survival," with Klaus Ruetzler, from December 1, 1991 to August 1, 1992.
- Michael Mehlman, Postdoctoral Fellow, University of Illinois. "East/Central Africa: Middle Stone Age Artifact Assemblages and Chronometric Precision," with Alison Brooks, from October 1, 1991 to September 30, 1992.
- Guillermo Mengoni Gonalon, Predoctoral Fellow, University of Buenos Aires, Argentina. "Bone Modification Patterns in Archaeofaunal Ungulate Assemblages," with Bruce Smith, from January 1, 1992 to June 30, 1992.
- Richard Modlin, CCRE Visiting Scientist, University of Alabama. "Ecology of Mysid and Leptostracan Species in the Shallow Waters around Twin Cays, Belize," with Frank Ferrari, from November 1, 1991 to October 31, 1992.
- Cynthia Morton, Graduate Student Fellow, City University of New York. "Comparative Pollen Morphology of the Ebenaceae," with Joan Nowicke, from September 7, 1992 to November 13, 1992.
- Karen M. Mudar, Postdoctoral Fellow, University of Michigan. "Animal Utilization on the Prehistoric Central Plains of Thailand," with Bruce Smith, from September 15, 1992 to September 14, 1993.
- Birger Neuhaus, Postdoctoral Fellow, University of Göttingen, Germany. "The Introvert of the Kinorhyncha: Significance as a Taxonomic Character and a Tool in Elucidating the Evolution of the Kinorhyncha," with Robert P. Higgins, from March 1, 1992 to February 28, 1993.
- John Olney, CCRE Visiting Scientist, College of William and Mary. "A Guide to the Identification of Pelagic Fish Eggs," with G. David Johnson, from January 1, 1992 to August 1, 1992.
- John D. Oswald, Postdoctoral Fellow, Cornell University. "Phylogeny of the Family Nymphidae and the Superfamily Myrmeleontiodea (Insecta: Neuroptera)," with Oliver S. Flint, Jr., from August 1, 1992 to July 31, 1993.
- James Pospichal, Graduate Student Fellow, Florida State University. "Maestrichtian-Danian Calcareous Nanoplankton Biogeography: Implications for Paleocyanography at the K/T Boundary Transition," with Brian Huber, from January 21, 1992 to March 30, 1992.

Miroslav Prokopec, Senior Postdoctoral Fellow, Institute of Hygiene & Epidemiology. "Ales Hrdlicka and Development of Physical Anthropology (Especially in Czechoslovakia)," with Douglas Ubelaker, from March 1, 1992 to February 28, 1993.

Cherubim A. Quizon, Graduate Student Fellow, State University of New York, Stony Brook. "Expatriate Collectors: Aesthetics, Taxonomies, and Narrative in Private Ethnological Collections from the Northern Philippines, 1900-1940," with Paul Taylor, from June 20, 1992 to August 28, 1992.

Edgardo Romero, Visiting Scientist, CONICET. "Study of Cretaceous Fossil Leaves from Patagonian Sediments," with Francis Hueber, from June 15, 1992 to September 15, 1992.

Mario Slaus, Graduate Student Fellow, University of Zagreb, Yugoslavia. "Biocultural Analysis of the Antelope Creek Phase of the Plains Indian Populations," with Douglas Owsley, from October 1, 1991 to December 10, 1991.

Gregory E. Smoak, Graduate Student Fellow, University of Utah. "BAE Ethnographers and the Ghost Dance Movements in the Far West," with William Sturtevant, from September 14, 1992 to November 20, 1992.

Lynn Snyder, Predoctoral Fellow, University of Tennessee. "Assessing the Role of the Domestic Dog as a Native American Food Resource in the Middle Missouri Subarea," with J. Daniel Rogers, from May 1, 1992 to January 31, 1993.

Jiakun Song, Postdoctoral Fellow, University of Michigan. "Relationship of Innervation Pattern, Homology of Lateral Line Receptors, and Dermal Bones in Gobioid Fishes," with Lynne R. Parenti, from July 1, 1992 to June 30, 1993.

Robert Soreng, Visiting Scientist, Cornell University. "New World Grass Flora," with Paul Peterson, from September 14, 1992 to October 14, 1993.

Michael Tsosie, Visiting Student, Colorado River Indian Tribes. "Research and Develop a Tribal Specific Catalogue on the Mohave Tribe Including both Mohaves from Colorado River and Fort Mohave," with JoAllyn Archambault, from December 30, 1991 to August 15, 1993.

Robert Twilley, CCRC Visiting Scientist, University of Southwestern Louisiana. "Nutrient Regeneration Associated with Mangrove Prop Root Communities in Twin Cays, Belize," with Klaus Ruetzler, from October 1, 1991 to September 30, 1992.

E.O. Wiley, CCRC Visiting Scientist, University of Kansas. "Collection of Larval Fishes for the Purpose of Associating Larvae with Adult Reef Species using Endonuclease Restriction Analyses," with G. David Johnson, from May 1, 1992 to August 1, 1992.

Brian Willis, Postdoctoral Fellow, State University of New York, Binghamton. "Spatial and Temporal Controls on Paleosol Development Within the Miocene Fluvial Siwalik Group," with A.K. Behrensmeyer, from October 1, 1991 to September 30, 1992.

Bei Xu, Postdoctoral Fellow, China University of Geosciences, P.R. China. "Multiple Collision in South China: The Evidence from the 'Banxi Group'," with William Melson, from January 1, 1992 to June 30, 1992.

National Zoological Park

Garth P. Fuller, Graduate Student Fellow, University of Maryland. "Genetic Analysis of *Leontopithecus* Utilizing DNA Sequencing of Mitochondrial DNA," with Robert Fleischer, from June 1, 1992 to August 7, 1992.

Marta J. Hersek, Postdoctoral Fellow, University of California, Davis. "The Use of Mockingbird Song in Intraspecific Communication: A Test of the Ranging Hypothesis," with Eugene Morton, from August 1, 1992 to July 31, 1993.

Yadvendradev Jhala, Postdoctoral Fellow, Virginia Polytechnic Institute. "Reproductive Energetics of Tree Shrews," with O.T. Oftedal, from January 15, 1992 to January 14, 1993.

Sabine S. Loew, Postdoctoral Fellow, State University of New York, Stony Brook. "Interactions of Males and Young in Toque Macaques: A Study of Paternal Investment Using DNA Fingerprinting," with Robert Fleischer, from August 1, 1992 to July 31, 1993.

Budhan Pukazhenthi, Predoctoral Fellow, University of Maryland. "A Comparative Study of Oocyte Maturation and In Vitro Fertilization in Domestic Cat and Non-Domestic Felids Using Co-Culture Technology," with David Wildt, from June 1, 1992 to May 31, 1993.

David Spector, Postdoctoral Fellow, University of Massachusetts, Amherst. "Vocal Signal Matching in Intra-Sexual Communication Among Wood-Warblers," with Eugene S. Morton, from October 1, 1991 to September 30, 1993.

Cheryl Tarr, Visiting Student, University of North Dakota. "Phylogenetic Analysis of the Palila," with Eugene Morton, from January 1, 1992 to August 15, 1992.

Ethan Temeles, Postdoctoral Fellow, University of California, Davis. "Determinants of Sexual Differences in Dominance: Field and Laboratory Experiments on Hummingbirds," with Eugene Morton, from September 1, 1992 to August 31, 1993.

Kevin Winker, Postdoctoral Fellow, University of Minnesota. "Sex-Related Habitat Segregation in Transient and Wintering Near-Arctic Migrants," with John Rappole, from March 1, 1992 to February 28, 1993.

Pan Xing, International Exchange Visitor, East China Normal University. "Curriculum development for the International Center for Conservation Biology—Shanghai," with R. Rudran, from December 1, 1991 to February 29, 1992.

Hongfa Xu, International Exchange Visitor, East China Normal University. "Curriculum Development for the International Center for Conservation Biology—Shanghai," with R. Rudran, from October 1, 1991 to February 29, 1992.

Smithsonian Astrophysical Laboratory

- James Boyle, Postdoctoral Fellow, University of Virginia.
"Atomic Many-Body Theory Applied to Photonization Processes in Complex Open-Shell Systems," with Alexander Dalgarno, from October 1, 1991 to September 30, 1992.
- John Chambers, Predoctoral Fellow, University of Manchester.
"The Role of Mean-Motion Resonances in the Origin and Evolution of Comets," with Brian Marsden, from September 15, 1992 to September 14, 1993.
- Francisco Colomer, Visiting Student, Chalmers University of Technology. "VLBI Observations of SiO Masers," with James Moran, from September 1, 1992 to August 31, 1993.
- Salvador Curiel, Postdoctoral Fellow, Harvard University.
"Observational and Theoretical Study of Energy Sources and Phenomena Related to Molecular Outflows," with Paul T. Ho, from March 1, 1992 to February 28, 1993.
- Cristina Dalle Ore, Visiting Student, University of California, Santa Cruz. "The Maunder-Minimum Phase Solar-Type Stars," with Sallie Baliunas, from December 1, 1991 to May 31, 1992.
- John Delos, Visiting Scientist, College of William and Mary.
"The Study of Excited States of Atoms in Electric and Magnetic Fields," with A. Dalgarno, from January 1, 1992 to December 31, 1992.
- Danuta Dobrzycka, Predoctoral Fellow, Copernicus Astronomical Center. "Accretion Disk Modelling," with Scott Kenyon, from October 1, 1991 to September 30, 1993.
- Stephen Fennell, Predoctoral Fellow, University College Dublin. "Granite: Gamma Ray Astrophysics New Imaging Telescope. A Proposal to form Stereoscopic Images of Cherenkov Light from TeV Gamma Ray Showers," with Trevor Weekes, from October 1, 1991 to September 30, 1992.
- Charlotte Fischer, Visiting Scientist, Vanderbilt University.
"Computational Atomic Spectroscopy," with Alexander Dalgarno, from September 1, 1992 to December 31, 1992.
- Jing Gao, Visiting Student, College of William and Mary.
"Calculations of Oscillations in the Photoabsorption Spectra of Hydrogen and Sodium in Electric Fields," with John Delos, from September 1, 1992 to August 31, 1993.
- Michele Grassi, Visiting Scientist, University of Naples.
"New Techniques for Tether Attachment Point Displacement to Control the Attitude Dynamics of a tethered System During a Radar Interferometry Mission," with Mario Cosmo, from February 1, 1992 to April 30, 1992.
- Ilana Harrus, Predoctoral Fellow, Columbia University.
"Study of X-ray Spectra from SNRs," with John Hughes, from August 1, 1992 to July 31, 1993.
- Atac Imamoglu, Postdoctoral Fellow, Stanford University.
"Predicting Resonance Fluorescence without Quantizing the Radiation Field," with Alexander Dalgarno, from September 1, 1992 to August 31, 1993.
- Karsten Joensen, Predoctoral Fellow, University of Copenhagen. "Evaluation of Multilayers as Grazing-incidence Optics for X-ray Astronomy," with Paul Gorenstein, from August 1, 1992 to July 31, 1993.
- Jan Johansson, Visiting Scientist, Chalmers University of Technology. "Determining Estimates of the Vertical from GPS," with James Davis, from July 1, 1992 to June 30, 1993.
- Laurie Kovalenko, Visiting Scientist, University of Colorado.
"Alignment Effects in Atomic and Molecular Collisions," with George Field, from January 1, 1992 to August 31, 1992.
- Akihiko Kuze, Visiting Scientist, NEC Corporation. "Research Relevant to the Satellite-based Instruments for Atmospheric Measurements," with Kelly Chance, from September 1, 1992 to August 31, 1993.
- Mircea Marinescu, Predoctoral Fellow, University of Romania.
"Atomic and Molecular Physics," with A. Dalgarno, from October 1, 1991 to September 30, 1992.
- Alessandro Massarotti, Postdoctoral Fellow, University of Chicago. "Non-standard Approaches to Large Scale Structure Formation Cold Dark Matter Model and Related Issues Primordial Nucleosynthesis and Gravity and Gauge Theories," with George Field, from September 1, 1992 to August 31, 1993.
- Shude Mao, Postdoctoral Fellow, Princeton University.
"Gravitational Lensing and Gamma-ray Bursts," with Alastair Cameron, from September 1, 1992 to August 31, 1992.
- P.M. Mathews, Visiting Scientist, University of Madras.
"Theoretical Studies on Tidal Deformations and Mutations," with Irwin Shapiro, from August 1, 1992 to January 31, 1993.
- Michael McCarthy, Postdoctoral Fellow, Massachusetts Institute of Technology. "Experimental and Observational Studies of Silicon- and Other Metal-Containing Molecules of Astrophysical Interest," with James Moran from August 1, 1992 to July 31, 1994.
- John Morgan, Visiting Scientist, University of Delaware.
"The Calculation of the Asymptotics of Exponentially Small Exchange Energy Splittings in Molecules and Molecular Ions," with A. Dalgarno, from January 1, 1992 to August 31, 1992.
- Alexander Panasyuk, Visiting Scientist, Russian Academy of Sciences. "Perfecting the Real-time Software for the Mac-II for Use on the IOTA Project," with Robert Reasenberg, from May 1, 1992 to March 31, 1993.
- Silvia Pellegrini, Predoctoral Fellow, University of Bologna. "X-ray Emissions from Elliptical Galaxies," with Guseppina Fabiano, from November 1, 1991 to December 31, 1992.
- Massimo Ramella, Visiting Scientist, Osservatorio Astronomico di Trieste. "The Investigation of the Structure of the Galaxy Distribution within the Great Wall," with Margaret Geller, from December 10, 1991 to June 10, 1992.
- Marco Romoli, Visiting Scientist, University of Florence.
"Characterization of the White Light Channel Coronagraph Polarimeter for the SOHO/UVCS Experiment," with John Kohl, from August 1, 1992 to July 31, 1993.

- Pan Rongshi, Visiting Scientist, Shanghai Observatory. "Maintaining the Geodetic VLBI Archive and Providing Data Analysis Support to the Geodesy Group," with James Davis, from July 1, 1992 to December 31, 1992.
- Adrian Rovero, Predoctoral Fellow, University of Buenos Aires. "Gamma Ray Group Researching in High Energy Astrophysics," with Trevor Weekes, from October 1, 1991 to September 30, 1992.
- Wei-Hock Soon, Visiting Scientist, University of Southern California. "The Brightness and Magnetic Activity Variations of Solar-type and Related Lower-main-sequence Stars," with Sallie Baliunas, from October 1, 1991 to July 31, 1992.
- Philip Stancil, Predoctoral Fellow, Old Dominion University. "Strong Magnetic Field Effects on Stellar Spectra with Applications to White Dwarfs," with Alexander Dalgarno, from August 1, 1992 to July 31, 1993.
- James R. Voelkel, Predoctoral Fellow, Indiana University. "The Development and Reception of Kepler's Physical Astronomy," with Owen Gingerich, from September 1, 1992 to August 31, 1993.
- Xiazhou Yang, Visiting Student, University of Tennessee. "The Photoabsorption Spectrum Near Threshold of Hydrogen in a Magnetic Field," with A. Dalgarno, from January 1, 1992 to May 31, 1992.
- Insu Yi, Postdoctoral Fellow, University of Texas, Austin. "Cosmological Density Perturbations in Accretion Disks in Compact Objects," with Alastair Cameron, from September 1, 1992 to August 31, 1994.
- Crenosaura similis," with A. Stanley Rand, from December 1, 1991 to February 29, 1992.
- Edwin Grosholz, Postdoctoral Fellow, University of California, Berkeley. "The Influence of Host Genotype and Spatial Distribution on Patterns of Larval Trematode Infection in a Brooding Bivalve," with Gregory Ruiz, from January 15, 1992 to January 14, 1993.
- William B. Jaekle, Postdoctoral Fellow, University of Southern California. "The Influence of Larval Growth, Metabolism, Differentiation, and Length of Larval Life on Growth and Survivorship of Juvenile *Macoma Mitchellii*," with Anson Hines, from September 1, 1992 to August 31, 1993.
- Matthew B. Jones, Short-term Fellow, University of Florida. "Effects of Seed Predation on Adult Abundance in a Tropical Herb," with Joseph Wright, from May 13, 1992 to July 28, 1992.
- Daniel K. Niven, Predoctoral Fellow, University of Illinois. "The Consequences of Habitat Selection for the Demography of a Neotropical Avian Migrant," with James Lynch, from June 1, 1992 to May 31, 1993.
- Catherine C. Robb, Short-term Fellow, University of Connecticut. "Physiological Constraints on Calling Activity in Neotropical Frogs," with Stanley A. Rand, from April 20, 1992 to July 20, 1992.
- Guy B. Thompson, Postdoctoral Fellow, Cambridge University. "More Indirect Effects of CO₂ on Salt Marsh Plant Jungi and Insects and Decomposers," with Bert Drake, from July 1, 1992 to June 30, 1993.
- John E. Tobin, Short-term Fellow, Harvard University. "Diversity, Community Structure, and Energetics in a Neotropical Rainforest Canopy Ant Assemblage," with Donald Winsor, from July 1, 1992 to September 30, 1992.
- Jacques White, Postdoctoral Fellow, University of Maryland. "Seasonal Variability in Trophic Level Exploitation by Estuarine Zooplankton," with D. Wayne Coats and Charles L. Gallegos, from November 1, 1991 to January 31, 1993.

Smithsonian Environmental Research Center

- Shuping Bi, Postdoctoral Fellow, Nanjing University, P.R. China. "Electrochemical Analysis of the Concentration and Form of Aluminum in Soil Water and Stream Water," with David Correll, from January 15, 1992 to January 31, 1993.
- Janet M. Coffee, Graduate Student Fellow, University of Texas, Austin. "Computer Simulation Modeling Investigating the Effects of Land Uses on Nitrogen Discharges from Agricultural Watersheds," with Donald E. Weller, from June 1, 1992 to September 18, 1992.
- Joseph Dineen, Jr., Postdoctoral Fellow, University of Maryland. "Larval Settlement Relative to Distribution of Three Species of *Balanus* in Chesapeake Bay," with Anson Hines, from October 15, 1991 to October 14, 1992.
- Dieter M. Ebert, Short-term Fellow, Universitat Basel. "Division of Labour in the Social Spider *Anelosimus eximius*," with Donald Windsor, from December 1, 1991 to February 29, 1992.
- Paul J. Gier, Short-term Fellow, University of California, ULCA. "Mate Choice and Reproductive Success in

Smithsonian Archives

- Patricia A. Moore, Graduate Student Fellow, University of California, Los Angeles. "The Intersection of Gender, Region, and Discipline: Scientific Promotion Systems Among Women Botanists in California, 1880-1940," with Pamela Henson, from September 29, 1992 to December 8, 1992.
- Edward H. Smith, Senior Postdoctoral Fellow, Cornell University. "Biography of Charles Valentine Riley," with Pamela M. Henson, from August 1, 1992 to October 31, 1992.

Smithsonian Tropical Research Institute

- John Barone, Short Term Fellow, University of Utah. "The Janzel-Connell Hypothesis: A Test of the Mechanism," with Joseph Wright, from August 20, 1992 to November 20, 1992.
- Kenneth Clifton, Postdoctoral Fellow, University of California, La Jolla. "Testing Current Group Size Models Using the Caribbean Striped Parrotfish, *Scarus iserti*," with Ross Robertson, from October 1, 1991 to September 30, 1992.
- Justine Cruz, Short Term Fellow, Duke University. "Bird, Beetle, Paca, and Palm Interactions on the Small Islands of Gatun Lake," with J. Wright, from October 1, 1991 to December 31, 1991.
- Douglas Emlen, Short Term Fellow, Princeton University. "Evolution of bimodal male horn-length variation in the Dung Beetle *Onthophagus stockwelli*," with William Eberhard, from October 1, 1991 to December 31, 1991.
- Carlos M. Fitzgerald, Predoctoral Fellow, University of Pittsburgh. "The Archaeology of a Frontier: Chame in Eastern Panama," with Richard Cooke, from September 15, 1992 to September 14, 1993.
- Gregory Gilbert, Postdoctoral Fellow, University of Wisconsin, Madison. "The Role of Tree Diseases in Recruitment and Survival of Saplings near Conspecific Adult Trees," with Alan Smith, from October 1, 1991 to September 30, 1992.
- Matthew Gompfer, Predoctoral Fellow, University of Tennessee. "The Importance of Genetic Relatedness to the Exhibition of Social Behavior in the Coati (*Nasua narica*)," with Nicholas Smythe and A. Stanley Rand, from July 15, 1992 to July 14, 1993.
- Michael Hart, Short Term Fellow, University of Washington. "Larval Feeding and Egg Size in Geminate species Pairs of Echinoderms," with H. Lessios, from September 1, 1992 to November 30, 1992.
- John Jones, Postdoctoral Fellow, Texas A & M University. "Human Ecology, Vegetation, and Climate of Belize During the Late Quaternary and Holocene," with Dolores Piperno, from October 1, 1991 to September 30, 1992.
- Michael Kaspari, Short Term Fellow, University of Arizona. "Patchiness and Diversity of Tropical Litter Ants: the Role of Litter Dynamics, Disturbance and Recolonization," with Donald Windsor, from October 1, 1991 to December 31, 1991.
- Lisa Kealhofer, Visiting Scientist, Bryn Mawr College. "Prehistoric Subsistence, Settlement, and Environment in Central Thailand," with Dolores Piperno, from October 1, 1991 to September 30, 1993.
- Connie Kolman, Postdoctoral Fellow, Yale University. "Evolutionary History of Amerind Populations: A Molecular Analysis," with Eldredge Bermingham, from July 1, 1992 to June 30, 1993.
- Damond Kylo, Short Term Fellow, University of Missouri, St. Louis. "Plant Interconnections by VA Mycorrhizae and

the Effects of Growth and Reproduction of Differentially Stressed Plants," with Alan Smith and Joseph Wright, from June 5, 1992 to September 5, 1992.

- Paul Morris, Postdoctoral Fellow, Museum of Comparative Zoology. "Fluid Mechanics, Functional Morphology, and Phylogeny of Gastropod Pallial Anatomy," with Jeremy Jackson, from September 1, 1992 to August 31, 1993.
- Oldrich Nedved, Short Term Fellow, Czechoslovak Academy of Sciences. "Diapause of *Stenotarsus rotundus* (Coleoptera: Endomychidae): Supercooling Ability and Importance of Aggregating," with Donald Windsor, from December 1, 1991 to February 28, 1992.
- Karen Reiss, Short Term Fellow, Cornell University. "Investigations on the Functional Morphology of *Tamandua mexicana*," with Nicholas Smythe, from January 10, 1992 to April 10, 1992.
- Jennifer Ruesink, Short Term Fellow, University of Washington. "The Role of Epibiotic Biology in Disturbance to Scleractinian Corals: Colonization after Wounding and its Consequences," with Jeremy Jackson, from April 1, 1992 to June 30, 1992.
- Steve Travers, Short Term Fellow, University of California, Santa Barbara. "Pollen-tube Competition and the Potential for Sexual Selection in Tropical Plant Species," with Egbert Leigh, from April 15, 1992 to July 15, 1992.
- David Zeh, Visiting Scientist, University of Arizona. "How sexual selection works in nature: New Insights from DNA Fingerprinting," with William Eberhard, from October 1, 1991 to September 30, 1992.

Arts and Humanities

Arthur M. Sackler Gallery

- Jessica Hallett, Predoctoral Fellow, Oxford University. "Influences and Innovation in Early Islamic Pottery and Glassmaking: The Basra - Cairo Connection," with Esin Atil, from August 1, 1992 to July 31, 1993.
- Mary Slusser, Senior Postdoctoral Fellow, Washington, D.C. "Studies of Nepalese and Tibetan Art," with Milo Beach and Carol R. Bolon, from October 1, 1991 to September 9, 1992.

Cooper-Hewitt Museum

- Deborah Krohn, Peter Krueger-Christies's Fellow. "The Renaissance Wedding: An Examination of the Material Culture of Ritual," with David MacFadden, from September 15, 1992 to July 14, 1993.

Yoshiko Wada, Senior Postdoctoral Fellow, University of California, Berkeley. "The Development of Shibori, Tie-Dye, Shaped-Resist Dyeing in the U.S.A.," with Milton Sondag and Michael Monroe, from January 1, 1992 to March 31, 1993.

Experimental Gallery

Norman Andersen, Visiting Museum Scholar, North Carolina State University. "Alternatives in Museum Exhibition Design," with Kimberly Camp, from November 1, 1991 to May 1, 1992.

Bruce Underwood, Visiting Museum Scholar, University of Maryland. "Develop and Operate a Gallery Explainers/Interpreters Program for 'Powers of Ten' Exhibition," with Kimberly Camp, from October 1, 1991 to September 30, 1992.

Hirshhorn Museum and Sculpture Garden

Diane L. Dillon, Graduate Student Fellow, Yale University. "Deciphering the Subject: Abstract and Emblematic Portraiture in America, 1911-1931," with Judith Zilczer, from February 19, 1992 to April 12, 1992.

Irena K. Dzurkova, Postdoctoral Fellow, Polish Academy of Sciences, Poland. "Serial and Cyclical Imagery in Modern Art," with Judith Zilczer, from February 1, 1992 to January 31, 1993.

National Air and Space Museum

Harold Andrews, NASM Fellow, Cornell University. "Jet Engines and Swept Wings Advancing The U.S. Navy's Carrier Fighter Technology 1941-1954," with Thomas Crouch, from October 1, 1991 to September 30, 1992.

Vasiliy Karpiy, International Fellow, Aeroflot. "The History of U.S. and Soviet Aviation," with Von Hardesty and Ronald Davies, from December 17, 1991 to March 16, 1992.

Emmanuel Lellouch, International Fellow, University of Paris at Meudon. "Reconstruction of the Global-scale Atmospheric Circulation in Venus' Atmosphere," with Jeff Goldstein, from October 6, 1991 to December 29, 1991.

Vadim Mikheyev, International Fellow, Russian Academy of Sciences. "The History of the Rotocraft Industry and of Aviation in Pre-revolutionary Russia," with Von Hardesty, from September 1, 1992 to November 30, 1992.

Brunella Nisini, Visiting Scientist, Instituto di Fisica del Plasma Interplanetario. "Analysis and Modelling of Infrared Recombination Lines of Hydrogen from Very Young Stars with Winds," with Howard Smith, from October 7, 1991 to May 6, 1992.

Vladimir Strelnitski, Visiting Scientist, Russian Academy of Scientists. "Calibration of Metal Mesh Instruments: Hydrogen Recombination Line Masers in MWC349," with Howard Smith from July 13, 1992 to July 12, 1993.

Christopher Swezey, Graduate Student Fellow, University of Texas, Austin. "Remote Sensing of Paleo-Drainage Systems in the Western Desert of Egypt," with Ted Maxwell, from June 22, 1992 to August 28, 1992.

Jennifer Tucker, Graduate Student Fellow, Johns Hopkins University. "Balloons and Aerial Views in American Scientific, Visual, and Popular Culture, 1850-1870," with David DeVorkin, from June 8, 1992 to August 14, 1992.

Christine White, Guggenheim Fellowship, Cambridge University. "Women in Early Russian and Soviet Aviation," with Von Hardesty and Dominick Pisano, from December 1, 1991 to November 30, 1992.

National Museum of African Art

Sara W. Smith, Graduate Student Fellow, University of Washington. "The Construction of Yoruba Identity and the Creation of Contemporary Art," with Roy Sieber, from September 1, 1992 to November 9, 1992.

National Museum of American Art

Julie Aronson, Predoctoral Fellow, University of Delaware. "Bessie Potter Vonnob and Small Bronze Sculpture in America," with George Gurney, from September 1, 1992 to August 31, 1993.

Mark P. Cole, Predoctoral Fellow, University of Delaware. "A Critical Evaluation of American Magic Realism," with Virginia Mecklenburg, from September 1, 1992 to August 31, 1993.

Mary Douglas, Renwick Senior Postdoctoral Fellow, Maspeth, New York. "The Craftsman as Yeoman: An Ideology of Craft," with Jeremy Adamson, from September 1, 1992 to August 31, 1993.

Juanita M. Holland, Graduate Student Fellow, Columbia University. "Nineteenth-Century African American Artists Edmonia Lewis and Edward M. Bannister: Works and Archival Resources in Smithsonian Collections," with Lynda Hartigan, from June 29, 1992 to September 4, 1992.

National Museum of American History

- Alan R. Berolzheimer, Predoctoral Fellow, University of Virginia. "Topographics of mass Consumption in the U.S., 1910-1950," with Charles McGovern, from August 1, 1992 to July 31, 1993.
- Regina Lee Blaszczyk, Predoctoral Fellow, University of Delaware. "Shaping the Material World: Technology, Markets, and Competitive Strategies in the U.S. Ceramic and Glass Industries, 1865-1970," with Steven Lubar, from September 1, 1992 to August 31, 1993.
- Oscar Campomanes, Predoctoral Fellow, Brown University. "Orientalized Filipinos and American Orientalists, 1898-1915," with Charles McGovern and Gary Kulik, from June 1, 1992 to September 30, 1992.
- Joseph Dumit, Graduate Student Fellow, University of California, Santa Cruz. "Mind Matters: The Social, Material, and Entrepreneurial Development of Computerized Brain and Body Imaging, 1950-1990," with Ramunas Kondratas, from June 22, 1992 to August 28, 1992.
- John R. Gennari, Predoctoral Fellow, University of Pennsylvania. "Jazz and American Culture: The Role of Criticism," with John Hasse and Charles McGovern, from July 1, 1992 to June 30, 1993.
- Aaron D. Gresson, Postdoctoral Fellow, Pennsylvania State University. "The Flag and the Yellow Ribbon," with Keith Melder and Edith Mayo, from June 1, 1992 to August 31, 1992.
- Ulf Hashagen, Graduate Student Fellow, University of Munich, Germany. "Mathematical Models and Machines in Germany and the USA, 1870-1930," with Nathan Reingold, from August 31, 1992 to November 6, 1992.
- Kristin Hass, Graduate Student Fellow, University of Michigan. "Twentieth Century Collecting, Material Culture, and the Potency of Things," with Charles McGovern, from June 1, 1992 to August 7, 1992.
- Hartmut Keil, Senior Postdoctoral Fellow, University of Munich, Germany. "German Immigrants and African Americans in Mid-19th Century America: A Study in Group Interaction," with James Horton, from October 15, 1991 to March 31, 1992.
- Arlene Kriv, Graduate Student Fellow, Rutgers University. "Constructing the 'Modern' in American Architecture the Cultural Production of the Skyscraper and Corporate Capitalism, 1990-1940," with Charles McGovern, from September 14, 1992 to November 20, 1992.
- Deepak Kumar, Postdoctoral Fellow, Delhi University, India. "Science and Colonization: A Comparative Study of the Dutch Indies and British India, 1900-1945," with Nathan Reingold, from March 1, 1992 to August 31, 1992.
- Jeanne Lawrence, Predoctoral Fellow, Yale University. "Merchandising Class: The Department Store and Urban Social

- Relations in Chicago and Glasgow, 1890-1930," with Charles McGovern, from January 1, 1992 to December 31, 1992.
- Nancy Mannikko, Predoctoral Fellow, Yale University. "Hydroelectric Development and the Formation of Disciplinary Boundaries in Engineering, 1900-1930," with Jeffrey Stine, from January 1, 1992 to June 30, 1992.
- Iwan Morus, Postdoctoral Fellow, University of Cambridge, England. "The Dynamics of the Electrical Community in England and America, 1830-1850," with Bernard S. Finn, from April 1, 1992 to September 30, 1992.
- Clifford W. Putney, Graduate Student Fellow, Brandeis University. "Images of Success: Advertisers' Idealizations of the American Male, 1880-1930," with Charles McGovern, from June 1, 1992 to August 7, 1992.
- Keith D. Revell, Predoctoral Fellow, University of Virginia. "Beyond Efficiency: Experts, Urban Planning, and Civic Culture in New York City, 1898-1933," with Jeffrey Stine, from September 1, 1992 to August 31, 1993.
- David Roberts, Graduate Student Fellow, Johns Hopkins University. "Methods and Motives for Visualizing Abstractions: American Mathematical Pedagogy, 1890-1900," with Peggy Kidwell, from June 1, 1992 to May 31, 1993.
- Marguerite S. Shaffer, Predoctoral Fellow, Harvard University. "See America First: The Rise of Touring the United States, 1906-1939," with Charles F. McGovern, from September 1, 1992 to August 31, 1993.
- Lynne P. Snyder, Graduate Student Fellow, University of Pennsylvania. "The Federal Government Discovers Air Pollution, 1948-1967," with Jeffrey Stine, from June 2, 1992 to May 31, 1993.
- Elizabeth A. White, Predoctoral Fellow, Yale University. "Sentimental Entrepreneurs: Profit and the Cultural Rhetoric of the Middle Class, 1840-1890," with Charles McGovern, from September 1, 1992 to August 31, 1993.
- Barbara Woods, Visiting Scholar, Association for Study of African-American Life and History. "The Public Career of Modjeska Simkins," with Spencer Crew, from October 15, 1991 to June 30, 1993.

National Portrait Gallery

- Ellen H. Grayson, Predoctoral Fellow, George Washington University. "History Painting in a Republic of Virtue: Social Meaning in Rembrandt Peale's Court of Death," with William Truettner, from September 1, 1992 to August 31, 1993.

Education and Public Services

Center for Folklife Programs and Cultural Studies

Ilana Abramovitch, Graduate Student Fellow, New York University. "The Conceptual Evolution of Multiethnic Festivals: American's Making Exposition and Festival—Immigrant Gifts on the Altar of America," with Olivia Cadaval, from June 15, 1992 to August 25, 1992.

Wei Feng, Visiting Scholar, China Folk Literature and Arts Society. "Technique of Producing Living Cultural Exhibitions as a means of Education and Development," with Peter Seitel, from October 7, 1991 to January 31, 1992.

Frank J. Korom, Postdoctoral Fellow, University of Pennsylvania. "Rites of Passage and the Passage of Rites: Muharram Observances in Iran, India, and Trinidad," with Richard Kurin, from September 1, 1992 to August 31, 1993.

External Affairs

Office of the Assistant Secretary for External Affairs

Angelo dos Santos, Visiting Scientist, Instituto Nacional de Pesquisas de Amazonia. "Institutional Policy and Outreach for the Biological Dynamics of Forest Fragments Project," with Thomas Lovejoy, from January 1, 1992 to December 31, 1992.

Office of International Relations International Center

Paul Ackon, Ghana Project Trainee, St. Paul's Technical, Kukurantumi, Ghana. "Participant in Technical Museum Training Programs for the Ghana Cape Coast Natural Resource Conservation and Historic Preservation," with Vera Hyatt, from September 1, 1992 to February 28, 1993.

George Asante, Ghana Project Trainee, 37 Military Hospital. "Participant in Technical Museum Training Programs for the Ghana Cape Coast Natural Resource Conservation and Historic Preservation," with Vera Hyatt, from September 1, 1992 to February 28, 1993.

Soloman Obeng, Ghana Project Trainee, CEDECOM. "Participant in Technical Museum Training Programs for the Ghana Cape Coast Natural Resource Conservation and His-

toric Preservation," with Vera Hyatt, from September 1, 1992 to February 28, 1993.

Nana Ocran, Ghana Project Trainee, Ghana Tourist Board.

"Participant in Technical Museum Training Programs for the Ghana Cape Coast Natural Resource Conservation and Historic Preservation," with Vera Hyatt, from September 1, 1992 to February 28, 1993.

Emmanuel Quao, Ghana Project Trainee, Center for National Culture. "Participant in Technical Museum Training Programs for the Ghana Cape Coast Natural Resource Conservation and Historic Preservation," with Vera Hyatt, from September 1, 1992 to February 28, 1993.

Internships and Other Appointments

The Smithsonian offers internships and other special appointments to undergraduate and graduate students and to museum professionals. The interns included here began their appointments between October 1, 1991, and September 30, 1992. Those who received special awards or participated in special programs are so listed.

Wherever possible the home institution, a brief description of the project undertaken at the Smithsonian, and the dates of service are given.

Office of Public Affairs

Kimberly Davis, Bachelors Degree. Developing and updating media mailing lists; writing a news release for distribution to the print media; assisting with publicity campaigns, September 22, 1992 through December 31, 1992.

Meredith Marsh, Bachelors Candidate. Working closely with public information officer, help to maintain clips, write press releases; working closely with Folklife festival coordinators, June 1, 1992 through August 31, 1992.

Sciences

Conservation Analytical Laboratory

Jennifer Beers, Bachelors Degree. Paper Conservation Laboratory, Learn about examination, treatment, and analysis of parchment and parchment paper, June 22, 1992 through September 30, 1992.

Jan Burandt, Masters Candidate, Buffalo State College. Paper Conservation Laboratory, conservation survey for Smithsonian Institution Archives, National Museum of American Art, and conservation treatment of a Renwick architectural drawing of the Smithsonian building, July 6, 1992 through August 28, 1992.

Patricia Griffin, Masters Candidate, Institute of Fine Arts, New York University. Objects Conservation Laboratory, train in archaeological conservation, both in the field and in the objects conservation laboratory, October 7, 1991 through October 6, 1992.

Thuy Le, High School Student. Thomas Jefferson High School for Science and Technology. Identification and Analysis of Paleolithic Pigments, August 31 1992 through June 18, 1993.

William Lewin, Bachelors Candidate, Old Dominion University. Furniture Conservation Laboratory, conservation and treatment of Japanned clock, June 9, 1992 through August 18, 1992.

Margo McFarland, Masters Candidate, Institute of Fine Arts, New York University. Paper Conservation Laboratory, undertake conservation surveys, including a survey of monotypes at NMAA for condition and composition and drawings at SI Archives by Renwick for examination and treatment, July 6, 1992 through August 28, 1992.

Catherine Nightingale, Bachelors Candidate, Institute of Archaeology, University of London. Objects Conservation Laboratory, conservation treatment of ancient pre-pottery neolithic statue cache made of plaster from 'Ain Ghazal, Jordan, July 13, 1992 through September 18, 1992.

Arati Raghavan, High School Student, Thomas Jefferson High School for Science and Technology. Neolithic Plaster Identification and Technology, August 31, 1992 through June 18, 1993.

Dana Seaman, High School Student, Thomas Jefferson High School for Science and Technology. Research, extraction and amplification of DNA from ancient plant material, June 29, 1992 through June 29, 1993.

Judith Southvard, Masters Degree. Objects Conservation Laboratory, conservation treatment of ancient pre-pottery neolithic statuary cache made of plaster from 'Ain Ghazal, Jordan, June 29, 1992 through August 28, 1992.

Nancy Stanfill, Bachelor's Degree, Kansas City Art Institute. Treatment and research on specialty papers and photographs; assistance in courses, workshops and surveys, September 28, 1992 through September 27, 1993.

Puji Yosep Subagiyo, Visiting Professional, National Museum, Indonesia. Textile Conservation, train in textile conservation and research on traditional materials used in Indonesia, October 1, 1991 through May 1, 1992.

National Museum of Natural History

Genevieve Alvarez, High School Graduate. Marine Systems Laboratory, OESE Intern '92: assist with two living ecosystems and study ecosystems; take salinity readings and maintain the systems pH and temp., July 13, 1992 through August 14, 1992.

Rosa Anchondo, Bachelors Candidate, University of Arizona. Department of Anthropology, work with the *Handbook of North American Indian* staff in researching and archiving picture material and photographs, June 22, 1992 through August 14, 1992.

Michelle Anderson, Bachelors Candidate, Western Washington University. Department of Botany, features of seed morphology of Heliconias will be described, characterized and scored and used in a phylogenetic analyses, May 26, 1992 through July 31, 1992.

Jennifer Apple, Bachelors Candidate, University of Puget Sound. Department of Invertebrate Zoology, diversity and distribution of Mangrove Swamp Invertebrates: specimens will be sorted and identified, the distribution will be mapped from field data, and environmental data will be analyzed as part of a study of mangrove ecology, May 26, 1992 through July 31, 1992.

Alexandria Audet, Bachelors Candidate, MacDonald College. Department of Vertebrate Zoology, May 5, 1992 through July 31, 1992.

Eliza Bancroft, Bachelors Degree. Department of Anthropology, assist in the administration of the American Indian Program and development of the North American Hall project, December 2, 1991 through February 2, 1992.

Eric Bannasch, High School Graduate. Department of Anthropology, OESE Intern '92: assist in sorting, processing and cataloging artifacts from North American sites; organize and enter data into computer, July 13, 1992 through August 14, 1992.

Robin Baron, Masters Candidate. ADP, digitizing and geographic data entry for computer mapping and geographic information systems projects, March 2, 1992 through June 30, 1992.

Robin Baron. Department of Botany, the application of geographical information systems to a botanical inventory of the Parque Nacional Sierra Nevada, Venezuela, May 18, 1992 through November 18, 1992.

James Breiler, Masters Candidate, University of Washington. Department of Anthropology, develop study plan for implementation of tribal museums, January 27, 1992 through February 22, 1992.

Nicole Brooks, High School Graduate. Insect Zoo, OESE Intern '92: conduct public feedings, insect handling and presentations; daily preparation of exhibits and care of insect cultures, July 13, 1992 through August 14, 1992.

Jerry Burgess, Masters Candidate, University of Maryland. Department of Mineral Sciences, help to: gather and dis-

- seminate information about current volcanism and earthquakes for the monthly GVN Bulletin; produce Global Volcanism 1986-92, documenting 6 years of Bulletin volcano reporting; build a petrologic and tectonic database linked to the Volcano Reference File, February 24, 1992 through September 4, 1992.
- Judith Buzzi, Visiting Professional. Insect Zoo, develop curricula material for classroom teachers using arthropods to teach basic concepts of ecology, animal behavior, and the scientific method, July 13, 1992 through August 14, 1992.
- Diana Clise, Masters Degree. Conservation Laboratory, participate in on-going volunteer projects, June 1, 1992 through August 7, 1992.
- Tanisha Cobb, High School Student, Frederick Douglas High School. Naturalist Center, participate in workshops as well as assist supervisor and workshop consultants with the implementation of the Natural Science Institute for Teachers of Minority Students, June 29, 1992 through August 7, 1992.
- Juanita Cole, High School Graduate. Naturalist Center, participate in workshops as well as assist supervisor and workshop consultants with the implementation of the Natural Science Institute for Teachers of Minority Students, June 29, 1992 through August 7, 1992.
- Margaret Cuasay, Bachelors Degree. Department of Mineral Sciences, preparation and analysis of volcanic rock samples, December 2, 1991 through September 30, 1992.
- Brian Demedius, Bachelors Candidate, Maryland Institute College of Art. Department of Scientific Illustrations, paleontological illustrations, January 31, 1992 through May 31, 1992.
- Ricky Dickens, High School Graduate. Naturalist Center, participate in workshops as well as assist supervisor and workshop consultants with the implementation of the Natural Science Institute for Teachers of Minority Students, June 29, 1992 through August 7, 1992.
- Amy Downing, Bachelors Candidate, University of Michigan. Department of Vertebrate Zoology, systematic review of the fish genus *Dermogingis*, May 26, 1992 through July 31, 1992.
- Nathan Eckrich, Bachelors Candidate, San Diego State University. Department of Botany, herbivore induced morphology of marine algae, May 26, 1992 through July 31, 1992.
- Jennifer Edge, High School Graduate. Department of Anthropology, OESE Intern '92: assist in researching Benedicte Wrensted, a photographer whose work documents the Northern Shoshone and Bannock Indian tribes; search old newspapers to locate information, June 8, 1992 through July 10, 1992.
- David Ellenberger, Bachelors Candidate, Albertson College of Idaho. Department of Vertebrate Zoology, amorphometric analysis of cranial development of Least Chipmunks, May 26, 1992 through July 31, 1992.
- Turwayne Foster, High School Student, F.W. Ballou High School. Naturalist Center, participate in workshops as well as assist supervisor and workshop consultants with the implementation of the Natural Science Institute for Teachers of Minority Students, June 29, 1992 through August 7, 1992.
- Tess Freidenburg, Bachelors Candidate, Portland State University. Department of Physical Anthropology, evidence of European contact as reflected in skeletons from Easter Island, January 8, 1992 through March 20, 1992.
- Mary Gaines, Visiting Professional. Department of Anthropology, review trade books on American Indians for cultural and historical accuracy and cultural sensitivity; books found suitable will be included on a bibliography to be distributed to elementary and secondary teachers, July 6, 1992 through August 14, 1992.
- Julia Geoffrey, Bachelors Candidate, New Mexico Highlands University. Department of Anthropology, assist in research on human bones, June 1, 1992 through July 31, 1992.
- Arnetta Girardeau, Masters Candidate, Duke University. Department of Anthropology, study of material and social coding found in the early ethnographic photographs of Cherokee and Seminole Indians, June 22, 1992 through August 31, 1992.
- Jonathan Goldberg, Masters Degree. Department of Mineral Science, assist in gathering and disseminating information about current volcanism and earthquakes for the monthly GVN Bulletin; produce Global Volcanism 1986-1991, documenting 6 years of Bulletin volcano reporting; build a petrologic and tectonic database linked to the Volcano Reference File, July 20, 1992 through September 25, 1992.
- Jonathan Goodrich, Bachelors Degree. Department of Asian Ethnology, Assist P. Taylor with research and organization of Abbott Letters & Taiwanese Hell Scrolls exhibit, April 27, 1992 through July 14, 1992.
- Katherine Gould, Bachelors Degree. Department of Biology, species delimitation in the floral genus *Werneria*, an Andean composite, through character analysis of collected specimens, May 26, 1992 through July 31, 1992.
- Carolyn Gray, Masters Candidate, George Washington University. Will be assisting with the public affairs efforts for the "Seeds of Change" exhibit in the National Museum of Natural History, September 28, 1992 through December 16, 1992.
- Naomi Graychase, Bachelors Candidate, Smith College. Working on the handbook of Native American Indians, September 8, 1992 through December 18, 1992.
- Cheyenne Harris, Bachelors Degree. Department of Anthropology, study of Native American metalwork in the museum, June 1, 1992 through June 12, 1992.
- Michael Henry, Masters Candidate, George Washington University. Handbook of the American Indian, work on women photographers of Native American peoples, January 9, 1992 through May 30, 1992.
- Kerry Inman, Bachelors Degree. Department of Botany, Commelinaceae Research: Is *Antherocopsis sepulosa* a species of *Murdania*, May 25, 1992 through July 31, 1992.

- Kimberly Jackson, Bachelors Candidate, Howard University. Systematics Laboratory, work with curators on identifying, sorting, and analyzing cephalopods, June 1, 1992 through August 7, 1992.
- Regina Jennings, Bachelors Degree. Office of the Director, assist public relations with publicity, media relations, and special events/features; work with curators on "Seeds of Change" exhibit, June 3, 1992 through August 7, 1992.
- Rajeshwari Jhala, Bachelors Degree. ADP, digitizing and geographic data entry for computer mapping and geographic information systems projects, March 2, 1992 through August 31, 1992.
- Kimberly Johnson, Bachelors Candidate, Oberlin College. Department of Education, research labels in Natural History exhibits for gender bias, January 7, 1992 through January 29, 1992.
- Mary Jurkiewicz, Bachelors Degree. Move Office, work on the Plains Indian Project—cleaning and shipping objects, January 6, 1992 through May 31, 1992.
- Pamela Keef, Bachelors Degree. Department of Botany, Medicinal plants of the Philippines—compile data sheets giving information on several hundred medicinal plants of the Philippines, May 26, 1992 through July 31, 1992.
- Tae Kim, Bachelors Candidate, Reed College. Laboratory of Molecular Systematics, evolutionary relationship within the Lythraceae—a comparison of ribosomal DNA sequences, May 25, 1992 through July 31, 1992.
- Deanna Kingston, Masters Candidate, Oregon State University. Will be assisting Steve Loring in going through the Henry Collins collection including photos, artifacts, and films. Will also look at films made by ?? from 1939 and 1964 World's Fair in New York, August 24, 1992 through October 16, 1992.
- Lawrence Lopez, Bachelors Candidate, Agraria University. Laboratory of Molecular Systematics, black capped and Carolina Chickadees are known to hybridize—isolate DNA, amplify specific segments of DNA and sequence homologous segments of DNA to verify genetic introgression at a contact zone; vocalization and morphology patterns will be analyzed, May 26, 1992 through July 31, 1992.
- Consuelo Marino, Bachelors Candidate, University of Colorado. Department of Paleobiology, Ocean Surface Temperature and vertical gradients in mastrichtian Antarctic Oceans using carbon and oxygen isotopes data from Cretaceous Foraminifera, May 25, 1992 through August 30, 1992.
- Montre McKinney, High School Student, Duke Ellington School. Museum Shops, work with staff to construct, build, and place displays in museum shops around the Institution.
- Malik Menefee, Bachelors Candidate, University of Maryland. Department of Paleobiology, study of phylogenetic relationships and evolution in Physeterids (sperm whales) using a cladistic procedure, May 26, 1992 through July 31, 1992.
- Catherine Miller, Bachelors Candidate, Sweet Briar College. Discovery Room, introduction to the Discovery Room and Discovery Room programs; update Discovery Room exhibit components, January 6, 1992 through January 31, 1992.
- Elizabeth Noznesky, Bachelors Candidate, Georgetown University. Department of Anthropology, identification of an early daguerreotype and aiding the supervisor with a North Pacific Project, January 22, 1992 through May 31, 1992.
- Jennifer Olsen, Bachelors Candidate, Tulane University. Department of Paleobiology, ocean surface temperature and vertical gradients in the mastrichtian Anarctic Ocean using carbon and oxygen isotope data from Cretaceous Foraminifera, May 26, 1992 through July 31, 1992.
- Sarah Orndorff, Bachelors Degree. Organizing a photographic collection documentation the Canela Indians of Northern Brazil for Dr. Bill Cracker, as well as, examining human skeletal remains for Dr Doug Owsley, February 1, 1992 through May 1, 1992.
- Linnette Perez, Bachelors Candidate, University of Puerto Rico. Department of Vertebrate Zoology, Systematic resolution of the taxon *Leptodactylus gracilis delattini*—analyze the new call data to figure out if it is a subspecies or a full species, May 26, 1992 through July 31, 1992.
- John Perrine III, Masters Candidate, Vanderbilt University. Department of Paleobiology, studies of late Paleozoic plants: chemical treatment of fossil samples to determine original localized biodensities, May 26, 1992 through July 31, 1992.
- Cheryl Petrina, Masters Candidate, University of Maryland. Department of Mineral Sciences, help gather and disseminate information about current volcanism and earthquakes for the monthly GVN Bulletin; produce Global Volcanism 1986-1991, documenting 6 years of Bulletin volcano reporting; build a petrologic and tectonic database linked to the Volcano Reference File, February 24, 1992 through June 26, 1992.
- Robin Porter, Bachelors Candidate, Maryland Institute College of Art. Department of Anthropology, learn the principles of illustrating ethnological/archeological artifacts for publication as well as production of visual materials for publication of the "Handbook of North American Indians", January 15, 1992 through May 15, 1992.
- Hilga Prins, Masters Degree. Department of Anthropology, material culture of Indonesia, W.L. Abbott collection, transcription and publication of field correspondence and photos, May 21, 1992 through November 30, 1992.
- Thomas Prinzie, Bachelors Candidate, Slippery Rock University. Department of Biology, isozyme electrophoreins quantification of genetic variation present in a series of populations of a species of the tropical plant genus *Heliconia*, May 26, 1992 through July 31, 1992.
- Jo Ann Reynolds, Bachelors Candidate, Eastern Connecticut State University. Department of Biology, Gesneriaceae of Mesoamerica, *Eucodoria* through study of library, herbarium and fresh material documented relationships and distribution of the genus, verified limits of variation in morphol-

- ogy, produced descriptions and keys using DELTA, and prepared phylogenetic analysis of *Eucondonia* and its cognates, May 26, 1992 through July 31, 1992.
- Andrew Roberts, Masters Candidate, George Mason University. Geographic Information Systems, digitize maps and spatial analyses, February 12, 1992 through May 30, 1992.
- Andrew Roberts, Masters Degree. Department of Botany, application of geographical information systems to a botanical inventory of the Parque Nacional Sierra Nevada, Venezuela, May 18, 1992 through July 31, 1992.
- Rebecca Robinson, Bachelors Candidate, Indiana University. Department of Mineral Science, petrographic and mineral chemistry analysis of aplites from Western Maine and their relations to associated pegmatite and granite bodies, May 26, 1992 through July 31, 1992.
- David Rogers, Bachelors Candidate. Department of Botany, medicinal flora of the Philippines: information-gathering from the published literature, including various medicinal and drug-plant uses, common names and chemistry, February 3, 1992 through April 9, 1992.
- Stephen Schellenberg, Bachelors Degree. Department of Paleobiology, morphometric analyses of Late Paleozoic zygo-leurid gastropods, May 26, 1992 through July 31, 1992.
- Lisa Schultheis, Bachelors Degree. Laboratory of Molecular Systematics, study of the evolution of seed plants of the molecular level—concentration on the Gnetales, May 26, 1992 through July 31, 1992.
- Alexia Scott, Masters Candidate, George Mason University. Department of Anthropology, scientific illustration, June 22, 1992 through September 1, 1992.
- Maureen Shea, Bachelors Degree. Department of Anthropology, examine and analyze human skeletal remains from recent forensic cases as well as analyze collections recovered from historic or prehistoric archeological sites, May 26, 1992 through July 31, 1992.
- Jill Sheasley, Bachelors Degree. Department of Botany, possible taxonomic differences in populations of *Lobaria oregana*, May 26, 1992 through July 31, 1992.
- Kevin Shuster, Bachelors Candidate, University of Georgia. Department of Paleontology, scientific illustration, January 14, 1992 through August 14, 1992.
- Stanisic Sinisa, Bachelors Candidate, Belgrade University-Yugoslavia. Global Volcanism Network Project: Studies of Contemporary and recent volcanic activity, September 9, 1992 through December 31, 1992.
- Shelly Skomra, Visiting Professional. Office of Education, serve as teacher mentor with the Teacher Science Institute; work with new students helping them to discover ways museum methodology can be applied to school curriculum, July 6, 1992 through August 14, 1992.
- Mary Strickland, Masters Candidate, Louisiana State University. Department of Anthropology, conservation, storage, and mounting of museum objects, June 15, 1992 through August 15, 1992.
- Gretchen Stromberg, Bachelors Candidate, UC Davis. Documentation of Apache skeletal remains for repatriation evaluation - assistant/apprentice to regular repatriation office staff, September 15, 1992 through December 12, 1992.
- Rosanna Tall Bear, High School Graduate. Museum Support Center, OESE Intern '92: assist museum technicians in preparing Native American collections for transfer to a new facility; clean, inspect, invoice, and pack objects, July 13, 1992 through August 14, 1992.
- Gabrielle Tayac, Masters Candidate, Harvard University. Department of Anthropology, survey ethnographic, archival, and historical materials pertaining to the Piscataway and other eastern Algonkian peoples, June 8, 1992 through August 14, 1992.
- Jen Thangavelu, High School Student, Garrison Forest School. Department of Anthropology, scientific illustration, May 18, 1992 through July 5, 1992.
- Christine Thede, Bachelor's Degree. Department of Conservation, intern will work as a team member on anthropology move project. She will also work on specific conservation treatments related to the move project, August 3, 1992 through August 1, 1993.
- Lucy Thomason, Masters Candidate, University of Texas. Department of Anthropology, endangered Native American languages, May 18, 1992 through August 10, 1992.
- Cristina de la Torre, Bachelors Candidate, University of California, Berkeley. Department of Anthropology, investigate various anthropological opportunities in museums, June 1, 1992 through September 8, 1992.
- Ain Tucker, High School Graduate. Naturalist Center, participate in workshops as well as assist supervisor and workshop consultants with the implementation of the Natural Science Institute for Teachers of Minority Students, June 29, 1992 through August 7, 1992.
- Laura Lee Utz, Bachelors Candidate. Special events marketing plan, donor research, public relation projects, campaign dinner, proposal, September 16, 1992 through December 9, 1992.
- Sigrid Vasconez, Bachelors Candidate, Beloit College. Department of Botany, species delimitation in the Corapositae, May 26, 1992 through July 31, 1992.
- Michael Walsh, Bachelors Candidate, University of Maryland. Department of Anthropology, cataloguing and curation of the Stewart-Collins ethnographic and archaeological collection from Alaska, 1927, February 14, 1992 through May 31, 1992.
- Aisha White, Bachelors Candidate, Howard University. Department of Invertebrate Zoology, anatomy and description of a possible new species of marine worm in the phylum Nemertina, May 26, 1992 through July 31, 1992.
- Cheryl Wilson, Masters Candidate, George Washington University. Department of Anthropology, assist in the compilation of an annotated bibliography on American Indian elementary and secondary publications, May 27, 1992 through August 28, 1992.

Stephen Wilson, Bachelors Candidate, Long Island University. Marine Systems Laboratory, assist in maintaining the Reef Systems; research a project on the Coral Reef Systems, January 20, 1992 through May 30, 1992.

Pamela Wyn, Bachelors Candidate, Smith College. Working with the reference photographs in the National Anthropological Archives updating the reference files, September 8, 1992 through December 18, 1992.

Timothy Yerington, High School Student, Thomas Jefferson High School, assist in defining the species of *Wernia*, June 6, 1992 through June 30, 1993.

National Zoological Park

Alice Collier, High School Graduate. Division of Animal Health, OESE Intern '92: assist veterinary technicians in general hospital maintenance; clean equipment and assist in making observations and keeping records of observations, June 8, 1992 through July 10, 1992.

Mary Crowson, High School Graduate. Golden Lion Tamarin Project, OESE Intern '92: assist zoo staff in interpreting the free-ranging golden lion tamarin project; explain exhibition to visitors and answer questions about the animals and behavior, June 8, 1992 through July 10, 1992.

Jennifer Falacy, Bachelors Candidate, New Mexico Highlands University. Landscape Unit, assist through the Office of Horticulture, June 1, 1992 through August 7, 1992.

Monique Galloway, Bachelors Candidate, Northern Virginia Community College. Division of Mammals, develop a feeding project for the golden lion tamarins, June 1, 1992 through August 7, 1992.

Sharon Holmes. Office of Planning and Construction, utilization of automated methodology to schedule, document, and identify results of various projects for the Office of Construction Management, June 8, 1992 through August 14, 1992.

Jennifer Jones, High School Graduate. Primate House, OESE Intern '92: assist the primate keepers with daily routine; clean enclosures, prepare food, and conduct behavioral observations, July 13, 1992 through August 14, 1992.

Samuel Jones IV, High School Graduate. Invertebrates, OESE Intern '92: assist in maintaining the exhibition, mixing seawater, feeding animals, and cleaning and decorating cages and aquaria, July 13, 1992 through August 14, 1992.

Shauna Keane-Timberlake. Office of Education, senior assistant, June 11, 1992 through June 10, 1994.

Kelly Mercer, High School Graduate. Small Mammal House, OESE Intern '92: clean and prepare and distribute food; maintain animal enclosure materials and assist in animal breeding encouragement, July 13, 1992 through August 14, 1992.

Alexandra Sangmeister, Bachelors Degree. Project aid - zoological research in the bird unit, September 1, 1992 through January 31, 1994.

Stanford Smith, Bachelors Candidate, Clark Atlanta University. Mammal Exhibit, assist in developing a statement/policy for the Smithsonian regarding the use of animals in research, June 10, 1992 through August 14, 1992.

Sarah Southall, Bachelors Candidate, Williams College. Development, analysis of donor benefits, creation of a case statement concerning the individual needs of each department of the zoo, and miscellaneous other tasks, June 8, 1992 through June 21, 1992.

Christopher Stuart, High School Graduate. FONZ—Publications, OESE Intern '92: assist the staff with all aspects of preparation of *Zoogoer* magazine, June 8, 1992 through July 10, 1992.

Office of Environmental Awareness

Jonathan Kohl, Bachelors Degree. Will be researching materials for a book on ocean conservation and for content of the Smithsonian forthcoming exhibition on oceans, September 14, 1992 through December 18, 1992.

Elizabeth McKance, Masters Candidate, University of Maryland. Assisted OEA Director Judith Gradwohl with background research on a variety of marine conservation related conservation topics for the book "Troubled Seas," June 1, 1992 through August 4, 1992.

Miles Smith, Masters Degree, American Graduate School of International Management. Conducted institution-wide survey and updated the Smithsonian Environmental Activities Report, which summarizes Smithsonian environmentally-related research, education and training programs, February 3, 1992 through May 29, 1992.

Office of Interdisciplinary Studies

Badelock Noldus, Bachelors Candidate, Reinhardt Academy. Internship in interactive media: individual research, January 7, 1992 through February 1, 1992.

Smithsonian Astrophysical Observatory

Daniel Figueroa, Bachelors Candidate, American River College. H K project—data analysis, June 1, 1992 through August 7, 1992.

Smithsonian Environmental Research Center

- Michael Bosela, Bachelors Degree. Orchid germination studies, development, and subsequent growth, January 20, 1992 through April 24, 1992.
- Kimberly Bowman, Bachelors Candidate, San Jose State University. Nitrous Oxide emission from soils, June 8, 1992 through August 14, 1992.
- Kelton Clark, Bachelors Candidate, San Diego State University. Examine interactions between parasite and host populations in the Chesapeake Bay, September 14, 1992 through December 11, 1992.
- Rachel Collin, Bachelors Candidate, Brown University. Optional foraging of Blue Crabs on clams in the Chesapeake Bay, May 18, 1992 through September 4, 1992.
- Lisa Goldman, Bachelors Candidate, Stanford University. Forest Canopy project, June 15, 1992 through August 28, 1992.
- Christopher Guadiz, Bachelors Candidate, La Sierra University. Complex predator-prey interactions of juvenile blue crabs, fish, shrimp, and benthic invertebrates in the near-shore shallows of the Chesapeake Bay, June 22, 1992 through September 11, 1992.
- Bradley Lamphere, Bachelors Candidate, Pomona College. Trophodynamics of Parasitic Dinoflagellates, June 15, 1992 through August 14, 1992.
- Lisa Levinson, Bachelors Degree. Environment education, June 15, 1992 through September 4, 1992.
- Daniel Shepard, Bachelors Degree, UC Santa Cruz. Forest canopy study, September 14, 1992 through October 2, 1992.
- Nancy Smith, Bachelors Candidate, University of Washington. Study of Distribution and Effects of Animal Parasites, June 15, 1992 through August 21, 1992.
- Yvonne Tanuz, Bachelors Candidate, New Mexico Highlands University. Botany, assist with part of long-term study of the life history and population dynamics in terrestrial orchids, June 8, 1992 through August 14, 1992.
- Dorothy Anne Wallace-Senft, Bachelor's Candidate, Bennington College. Department of Terrestrial Ecology, intern will work with Post-Doc Martin Cipollini on an independent project on the distribution and response of the understory shrub, *Zindera benzoin* to changes in canopy openness, July 14, 1992 through September 4, 1992.
- Richard J. Wayner, Bachelor's Degree. Habitat utilization by hooded warblers, May 13, 1992 through August 7, 1992.
- Peter Wielinga, Bachelors Candidate, Krige Universteit. Carbon Dioxide Project, May 25, 1992 through August 28, 1992.

Christopher Wyman, Bachelor's Degree. Ecology of estuarine and marine animals, May 20, 1992 through June 26, 1992.

Smithsonian Institution Archives

- Aimee Robertson, Bachelors Candidate, University of Maryland. Process the professional papers of Joseph P.E. Morrison, June 1, 1992 through August 30, 1992.

Smithsonian Institution Libraries

- Susan Westerberg Cole, Bachelors Degree. Collection-level cataloguing of trade literature in the National Museum of American History, as well as, research on installation and use of the Database Searching Center (DBSC) under the Museum Support Center.
- Bryan Culp, Bachelors Degree. National Museum of American History Library, collection level cataloging of trade catalogs, June 1, 1992 through August 14, 1992.
- Margaret O'Brien, Masters Candidate, Catholic University. Dibner Library, training and experience in the management and technology of exhibition of rare books, May 2, 1992 through August 10, 1992.
- Wade Kotter, Masters Candidate, University of Maryland. Natural History Branch, familiarization with day-to-day operations of a major research library, July 13, 1992 through August 28, 1992.
- Chukwuemeka Olumba, High School Student. National Air and Space Museum, assist library staff with shelving, processing, and filing of books and periodicals, and keep logs, June 29, 1992 through August 30, 1992.

Smithsonian Tropical Research Institute

- Maria del Pilar Angulo, Bachelors Degree. Barro Colorado Island, assist with the project: "Study of Understory Plant Responses to the Dry Season on BCI", February 4, 1992 through May 4, 1992.
- Claudia Aquino, Bachelors Degree. Gamboa, assist with the project: "Biodiversity of Parque Nacional Soberania", January 15, 1992 through April 15, 1992.
- Adrian Badilla, Bachelors Degree. Naos Marine Laboratory, assist with the project: "Preliminary evaluation of the archaeological site Cerro Juan Diaz, Herrera, Panama", January 15, 1992 through April 15, 1992.

Amaya Bernardez, Bachelors Degree. San Blas, assist with the project: "Testing Current Models of Group Size Using the Caribbean Striped Parrotfish, *Scarus iserti*", February 12, 1992 through May 12, 1992.

Edgar Coral, Masters Candidate, University of Pennsylvania. June 8, 1992 through August 14, 1992.

Marc Dantzker, Bachelors Candidate, University of Texas.

Gamboa, assist with the Tungara Frog project, May 15, 1992 through August 15, 1992.

Manuel Demaria, Bachelors Degree. Gamboa, assist with Jacana Project, February 2, 1992 through April 30, 1992.

Nicholas Eckert, Bachelors Candidate, Georgetown University. Development Office—Washington, DC, develop a proposal for STRI's Center for Tropical Forest Science, and also to research potential funding sources; implement the STRI master bibliography, January 30, 1992 through May 31, 1992.

Ilean Isaza, Bachelors Candidate, Univ. Autonoma de Guadalajara, Naos Labs, Evaluacion estilistica y cronologica de la ceramica arqueologica de la region central de Panama, August 22, 1992 through June 22, 1993.

Shizue Kira, Bachelors Candidate, American University. Washington, DC office, develop photo, slide, and video library to support development initiatives; general office support, January 28, 1992 through April 24, 1992.

Diego Lombeida, Bachelors Candidate, Pontificia Universidad Catolica. Gamboa, assist with the Tungara Frog project, May 15, 1992 through August 15, 1992.

Omar Lopez, Bachelors Candidate, Universidad de Panama. Assist with the project: "Consequences of leaf lifetime for photosynthetic physiology, secondary metabolism, and anatomy in tropical plants", October 21, 1991 through January 21, 1992.

Katherine Myint-Hpu, Bachelors Candidate, Vassar College. Naos, assist with analysis of archaeobotanical materials from various sites throughout Panama, July 13, 1992 through August 24, 1992.

Marcela Olivera, Bachelors Degree. Barro Colorado Island, assist with project: "Diversity, Community Structure, and Energetics in a Neotropical Rainforest Canopy and Assemblage", July 1, 1992 through October 1, 1992.

Marielos Pena, Bachelors Degree. Barro Colorado Island, assist with the project: "Rapid Assessment of Tropical Forest", February 8, 1992 through May 8, 1992.

Lori Pierce, Bachelors Candidate, Ouachita Baptist University. Development Office, compile and organize STRI-DC master slide and photograph library; develop slide shows which represent STRI research programs; general office support, June 15, 1992 through August 14, 1992.

Ricardo Racines, Bachelors Degree. Barro Colorado Island, assist with project: "The role of diseases in population dynamics in several species of trees" and "Mechanical damage on trees saplings by falling branches", May 7, 1992 through October 7, 1992.

Arts and Humanities

Office of the Assistant Secretary for Arts and Humanities

Heather Dean, Bachelors Candidate, George Washington University. Joseph Henry Papers, developed an annotated bibliography for, and wrote paper on "The Social and Cultural Milieu of Washington, 1845-1860" June 1, 1992 through July 31, 1992.

Mary Derrick-Mescua, Doctoral Degree. Develop an annotated bibliography for the book, "Planning Museum Careers", October 25, 1991 through October 30, 1992.

Dagny Glover, Masters Degree. International Gallery, to assist in the design and implementation of educational and public programming in conjunction with the Imperial Austria Exhibition, August 17, 1992 through February 15, 1992.

Dagny Glover, Masters Degree. Institutional Studies, will work with the staff on a range of studies especially those involving audience studies in the planning and interpretive strategies developed for exhibitions, August 24, 1992 through June 30, 1993.

Richard Hope, Bachelors Candidate, Syracuse University. African-American Museum Project, assist on the project, June 1, 1992 through August 7, 1992.

Chad Stone, Masters Candidate, Washington State University. Joseph Henry Papers, research paper, "Congressional Views and Actions Toward Science in the 1850's," May 18, 1992 through July 19, 1992.

Anacostia Museum

Tameka Dunn, High School Graduate. Office of Education, answer telephones, light typing, and filing, June 29, 1992 through August 30, 1992.

Nicole Jones, High School Graduate. Office of Education, assist with the nature walk and other educational activities, including mailing list data, filing, and answering phones, June 29, 1992 through August 30, 1992.

Deidre Lee, High School Graduate. Office of Education, OESE Intern '92, registrarial and collections management; accessing and cataloging of objects; rehouse objects and design archival boxes, July 13, 1992 through August 14, 1992.

Archives of American Art

Frederick Antil, Bachelors Degree. Photographs, research and cataloguing prints and negatives, February 10, 1992 through June 1, 1992.

Lisa Harcourt Black, Bachelors Degree, Colby College. Will assist in the preparation of a guide to the Archives' collections by conducting research in the papers, writing descriptions of their findings, proofing and editing the work of other interns, indexing, etc., September 14, 1992 through December 18, 1992.

Monica Cheslak, Bachelors Degree. Will be doing research under the direction of Deputy Director Susan Hamilton, April 6, 1992 through June 6, 1992.

Jeannette M. Daly, Bachelors Candidate, Stockton State College. Will assist in the preparation of a guide to the Archives' collections by conducting research in the papers, writing descriptions of their findings, proofing and editing the work of other interns, indexing, etc., September 8, 1992 through December 18, 1992.

Merlin Douglas, Bachelors Candidate, Portland State University. Read diaries and note contents for preparation of an index, January 13, 1992 through March 17, 1992.

Laurin Gentry, Bachelors Degree. Will assist in the preparation of the guide to the Archives' collections by conducting research in the papers, writing descriptions of their findings, proofing and editing the work of other interns, indexing, etc., September 8, 1992 through December 18, 1992.

Rachel Glenn, Bachelors Candidate, Hood College. Edit the writing of other interns for various guide publications, January 27, 1992 through May 8, 1992.

Karen Glickman, Bachelors Candidate, Washington University. Prepare descriptions of papers relating to government and the arts for publication in a guide, January 27, 1992 through May 8, 1992.

Kelly Gray, Bachelors Degree. Search archives holdings for papers relating to government and the arts; prepare description of such papers for publication in a guide, June 8, 1992 through August 14, 1992.

Kristin Hartman, Bachelors Candidate, Towson State University. Manuscripts, translation and summarization of Walter Pach papers, February 10, 1992 through March 30, 1992.

Danielle Katz, Bachelors Candidate, University of California—Santa Barbara. Serve as editor for various intern projects, mainly preparation of a guide to papers re: government and the arts; review work of other projects; look for conformity to Archives style requirements, standard grammar, factual error, clarity, etc., June 22, 1992 through August 21, 1992.

Rebecca Lilly, Bachelors Degree. Search archives holdings for papers relating to government and the arts; prepare description of such papers for publication in a guide, June 8, 1992 through August 14, 1992.

Meredith O'Connor, Bachelors Candidate, Mount Holyoke College. Conduct historical research into some of AAA's most significant collections, institutional records, identify major artist's correspondence and important exhibition records resulting in better catalog entries in RLIN, June 8, 1992 through August 14, 1992.

Kerry Wilkey, Bachelors Degree. Research archival sources and prepare descriptions of documents found, January 27, 1992 through April 31, 1992.

Cheryl Williams, Bachelors Degree. Photographs, assist with research for upcoming exhibition "The Telling Image: Photographs from the Collections of the Archives of American Art" to open in January of 1993 at the National Portrait Gallery, June 29, 1992 through October 2, 1992.

Arthur M. Sackler and Freer Gallery of Art

Lina Abirafeh, High School Student, The Madeira School.

Department of Photography, assist with filing and printing of pictures and duties assigned, October 2, 1991 through June 31, 1992.

Jennie Alwood, Masters Candidate, George Washington University. Department of Design and Production, an in depth introduction to the processes involved in the design and production of temporary and permanent exhibitions at a major institution, January 22, 1992 through May 29, 1992.

Kimberly Brown, Bachelors Candidate, Stephens College. Office of Exhibits Design, hands on opportunity to build and construct an Ancient Japanese exhibit; learn about architectural design, case design, and gallery design, June 1, 1992 through August 31, 1992.

Yoshiko Fujii, Bachelors Degree. Department of Conservation, learn about the conservation of East Asian paintings; gain a better understanding of the materials and techniques used in Asian paintings, and how the paintings suffer deterioration and are cared for, June 1, 1992 through August 7, 1992.

Kyung-min Han, Bachelors Degree. Curatorial, research and translations of Korean-language documents relating to the Korean collections in the Freer Gallery of Art, February 5, 1992 through April 21, 1992.

Jayne Girod Holt, Bachelors Candidate. Will gain experience in paper conservation, to help with the conservation of paper objects in the Freer and Sackler collections including preparation for the reopening exhibition of the Freer Gallery, September 9, 1992 through September 30, 1993.

Heung Lan Kot, Masters Candidate, George Washington University. Office of the Registrar, review the object record files for a portion of the Chinese collections; determine where certain specific information is missing from the files,

- research that information, and add it to the files, June 1, 1992 through July 31, 1992.
- Jennifer Ann Kozel, Bachelors Degree. Assisting family and school programs as well as Saturday, September 14, 1992 through December 23, 1992.
- Mark Levine, Bachelors Candidate, Oberlin College. Department of Chinese Art, assist the curator in organizing materials for a loan exhibition of Chinese porcelain, January 6, 1992 through January 31, 1992.
- Scott Longley, Bachelors Candidate, University of Connecticut. Chinese Art, assist curator in maintaining and updating files on Chinese objects in the collections; help draft correspondence responding to public inquiries about Chinese art, May 21, 1992 through August 21, 1992.
- James Love, Masters Candidate, George Washington University. Office of Public Affairs, develop marketing plan to reintroduce the Freer Gallery of Art to tour operators, tour guides, and hotel concierges prior to the May, 1993 reopening, June 1, 1992 through September 15, 1992.
- Eliav Nahlieli, Visiting Professional, Tel-Aviv University. Office of Design, work with designers to learn how designs are developed and produced at a major American Institution; participate as part of the design team for the Ancient Japan exhibition, October 16, 1991 through November 8, 1991.
- Emily Patton, High School Student, Glenelg Country School. Office of Education, assist with set-up and preparation for the Teacher Workshop and Family Program, June 16, 1992 through September 30, 1992.
- Leland Smith, Bachelors Candidate, Oberlin College. Department of Chinese Art, assist the curator in organizing materials for a loan exhibition of Chinese porcelain, January 6, 1992 through January 31, 1992.
- Julia Stevenson, Bachelors Degree. Department of Conservation, June 12, 1992 through September 30, 1992.
- Jill Waller, Bachelors Degree. Office of Public Affairs, develop targeted mailing lists for Freer Gallery of Art reopening; work on press releases for Japanese galleries, June 22, 1992 through September 15, 1992.
- Robin Wallace, Bachelors Candidate, University of California, Santa Cruz. Office of Education, develop and design activity sheets for exhibition of Chinese porcelain, August 3, 1992 through September 7, 1992.
- Chien-ing Wu, Bachelors Candidate, Duke University. Curatorial, assistance for the Ancient Japan exhibition of the Sackler, July 6, 1992 through August 14, 1992.
- Frances Yuan, Bachelors Degree. Research and Curatorial, assist with exhibitions, June 15, 1992 through August 21, 1992.
- ## Cooper-Hewitt Museum
- Claire Catherine Dienes, Bachelors Degree, Smith College. Peter Kruger Summer Intern, Department of Exhibitions, assisted with research for the exhibition *The Power of Maps*, June 8, 1992 through August 14, 1992.
- Katy Edson, Masters Candidate, Bank Street College of Education. Department of Education, assisted with the development and research for education materials for the exhibition *The Power of Maps*, February 1, 1992 through May 30, 1992.
- Claudia Gisolfi, Bachelors Degree. Yale University. Design Library, assisted with sorting and labeling the Metzger Archive, July 6, 1992 through August 28, 1992.
- Christine Giviskos, Bachelors Candidate, Stanford University. Department of Exhibitions, assisted with research for the exhibition *The Power of Maps*, June 15, 1992 through August 21, 1992.
- Julie De Jesus, Bachelors Candidate, Brooklyn College. Department of Drawing and Prints, catalogued various collections, June 15, 1992 through August 31, 1992.
- Miriam Katz, Bachelors Candidate, Rhode Island School of Design. Peter Kruger Summer Intern, Department of Textiles, assisted with the organization and cataloguing of the Textile Collection, June 8, 1992 through August 14, 1992.
- Susan Kelman, Masters Candidate, Bank Street College of Education. Peter Kruger Summer Intern, Department of Education, assisted with the preparation for educational materials for the exhibition *The Power of Maps*, June 8, 1992 through August 14, 1992.
- Eva Krufft, Bachelors Candidate, Barnard College. Department of Drawings and Prints, cataloguing architectural drawings ranging from the period of the Renaissance to modern, January 30, 1992 through May 31, 1992.
- Ha Lim Lee, Bachelors Candidate, Barnard College. Department of Drawings and Prints, cataloguing architectural drawings ranging from the period of the Renaissance to modern, February 21, 1992 through May 13, 1992.
- Christopher Scott Malstead, Bachelors Candidate, Columbia University. Peter Kruger Summer Intern, Department of Drawings and Prints, researched and catalogued Drawing and Print collections, June 8, 1992 through August 14, 1992.
- Suzanne Mathis, Masters Candidate, University of Akron. Office of Admissions and Museum Shop, worked on product development, June 8, 1992 through August 14, 1992.
- Marla Musick. Department of Exhibitions, assisted in the preparation of the exhibition *The Power of Maps*, assignments included research, documentation, and assistance with ongoing aspects of the exhibition, March 3, 1992 through May 3, 1992.
- Ayako Nezu, Bachelors Candidate, Wesleyan University. Department of Exhibitions, collecting and arranging data on injuries to children in Harlem for exhibition, *The Power of Maps*, June 8, 1992 through August 14, 1992.

Camille She, Bachelors Candidate, Stanford University. Department of Contemporary Design, researched an historical survey relating gender issues to the design of cities, neighborhoods, and residential living units, June 6, 1992 through August 14, 1992.

Cristine Sherman, Masters Candidate, Columbia University. Department of Drawings and Prints, assisted in all aspects from cataloguing to development, in the coordination and preparation of the 1993 Donald Deskey and industrial design exhibition, June 8, 1992 through August 14, 1992.

Christa Mary Sidman, Bachelors Candidate, Earlham College. Conservation Department, researched grants for the Department, June 18, 1992 through August 21, 1992.

Tamela Simpson, Masters Candidate, University of Kansas. Department of Education, assisted with the preliminary research for the fall 1993 program series, June 8, 1992 through August 14, 1992.

Kristel Smentek, Masters Candidate, University of Delaware. Peter Kruger Summer Intern, Department of Wallcoverings, acted as a research assistant for the exhibition, June 8, 1992 through August 14, 1992.

Lindsay Myers Smith, Bachelors Candidate, University of Virginia. Department of Drawing and Prints, assisted with research and documentation of the drawings by industrial designer, Henry Dreyfus, June 8, 1992 through August 14, 1992.

Heather Lynne Thomas, Bachelors Candidate, Barnard College/Columbia University. Department of Drawings and Prints, miscellaneous inventory/cataloguing duties, March 3, 1992 through May 15, 1992.

Ellisa Whitley, Bachelors Candidate, Columbia College. Minority Internship Grant recipient, Department of Contemporary Design, picture and bibliographic research for the upcoming exhibition, June 8, 1992 through August 14, 1992.

Experimental Gallery

Alice Acemyan, Bachelors Candidate, Stanford University. Working behind the scenes in Marketing, Public Relations and Publicity. Also involved in informal tours as an explainer, as well as in planning workshops, September 9, 1992 through December 31, 1992.

Hazel Brown, Visiting Professional. Develop pre- and post-visit materials for grades 4,5,6 which relates to the exhibition, "Kids Bridge" goals and content to the DC School District's middle school curriculum, July 6, 1992 through August 14, 1992.

Naeemah Carter, High School Student, Eastern Senior High School. Serve as an explainer to the public, June 30, 1992 through August 7, 1992.

Emma Coates, Visiting Professional. Develop pre- and post-visit materials for grades 4,5,6 which relates to the exhibition, "Kids Bridge" goals and content to the DC School District's middle school curriculum, July 6, 1992 through August 14, 1992.

Rebecca Duclos, Masters Candidate, University of Toronto. Experimental Gallery, work on planning, interpretation, and implementation for gallery exhibits; design assistance, community programs, etc., June 9, 1992 through September 9, 1992.

Nancy Kok, Bachelors Candidate, George Washington University. Experimental Gallery, work as an evaluator for the APA Psychology exhibition "Understanding Ourselves and Each Other", June 15, 1992 through August 21, 1992.

Antoinette Lee, High School Student, William McKinley Senior High School. Work in the Discovery area assisting with different problem solving activities, June 30, 1992 through August 7, 1992.

Christian Reedy, Bachelors Candidate, Howard University. Will assist teams in scheduling and presenting educational and public programs; including workshops, lectures, gallery talks; and to serve as an explainer in the gallery. Will also assist in the development production and distribution of a newsletter for gallery. June 16, 1992 through December 31, 1992.

Hirshhorn Museum and Sculpture Garden

Paula Artal-Isbrand, Bachelors Degree. Department of Conservation, outdoor sculpture yearly maintenance, June 10, 1992 through August 14, 1992.

Roberta Buchanan, Masters Candidate, University of Maryland. Compile information about foundation from whom the HMSG can seek funding special projects and prepare grant requests, August 22, 1992 through May 28, 1993.

Helen Costantino, Bachelors Candidate, Duke University. Department of Education, assist with symposiums and give museum tours, June 8, 1992 through August 14, 1992.

Hwaik Lee, Masters Candidate, George Washington University. Directed research: American painting since 1945: from the collection of the Hirshhorn Museum and Sculpture Garden, September 1, 1992 through May 30, 1992.

Jason Molchanow, Bachelors Candidate, Catholic University. Curatorial, research for a Clyfford Still exhibition, June 8, 1992 through August 14, 1992.

Heather Warren, Bachelors Degree. Curatorial, work with permanent collection, object research, and more specific curatorial research, June 9, 1992 through August 18, 1992.

National Air and Space Museum

- Jennifer Lynn Basker, Bachelors Candidate, Georgetown University. Intern will translate videotape in Japanese for the use of restoration crew in restoring a WWII Japanese aircraft in museum collection, September 14, 1992 through December 11, 1992.
- Leonard Benton, Bachelors Candidate, Howard University. Department of Astrophysics, assist the laboratory scientists with measurement tests and data analysis, June 10, 1992 through August 15, 1992, Education Division, present weekend public science demonstrations, September 5, 1992 through December 13, 1992.
- Jeffrey P. Buchheit, Masters Candidate, Southern Illinois University. Registrars office, will assist with the artifact location and verification project, updating and verifying data on the NASM CIS system, coordinating with the systems administrator and with collections maintenance staff, August 14, 1992 through December 13, 1992.
- Richard Buell, Bachelors Candidate, University of Maryland. Department of Space History, assist the curator of "Where Next, Columbus?" gallery in researching and developing a film, "Contact", January 13, 1992 through March 15, 1992.
- Darron Butler, Bachelors Candidate, Parks College. Collections Management, will assist in the preservation and restoration of aerospace artifacts, August 14, 1992 through December 13, 1992.
- Agnes Chatel, Bachelor's Candidate, Universite Joseph Fourier, France. Laboratory for Astrophysics, working on infrared image processing with IRAF, April 6, 1992 through July 31, 1992.
- Blaine Childers, Masters Candidate, California Institute of Arts. Department of Exhibits, develop graphics for "How Things Fly" interactive science gallery, June 8, 1992 through August 14, 1992.
- Vennie Elizabeth Cluett, Masters Candidate, George Washington University. Education Division, work with the "How Things Fly" exhibit planning team, perform photo research, and assist project leader, January 13, 1992 through April 23, 1992.
- Denise Coggins, Bachelors Candidate, Delaware State College. Education Division, perform twice-daily science demonstrations for the general public and student groups; assist staff with photo research for the "How Things Fly" exhibition gallery, June 8, 1992 through August 29, 1992.
- Nathaniel Creek, High School Student, Eastern Senior High School. Planetarium, answer phones, take tickets, usher, June 29, 1992 through August 30, 1992.
- Elizabeth Dawson, Masters Candidate, University of Michigan. Intern will assist with the Rudy Arnold Photo Collection, working with database, rejacketing negatives, transcribing original captions, possibly researching and composing additional captions, and helping to produce a finding aid, September 14, 1992 through December 13, 1992.
- Vasia Deliyianni, Masters Candidate, George Washington University. Department of Exhibits, lighting and exhibition design, February 10, 1992 through April 30, 1992.
- Melanie Diez, High School Student, Thomas Jefferson High School. Laboratory for Astrophysics, assist with infrared astronomy of young stars and active galaxies, working with data reduction and analysis on computer work stations, and related laboratory design and testing, June 15, 1992 through December 11, 1992.
- Mark DiGiacomo, Bachelors Candidate, Florida State University. Department of Exhibits, assist with film research and interact with the Screen Actors Guild and local film contractors working on the films for NASM's "Where Next, Columbus?" exhibition, June 8, 1992 through August 14, 1992.
- Scott Dinsmore, High School Graduate. Education Division, present daily science demonstrations and assist with prototyping exhibits for the planned "How Things Fly" gallery, June 15, 1992 through August 21, 1992.
- Sarah Donald, Bachelors Degree. Department of Exhibits, assist the lighting designer with drawings of various elements for the "How Things Fly" and "Where Next, Columbus?" galleries and prepare CAD file drawings of various galleries and other spaces throughout NASM, June 1, 1992 through August 7, 1992.
- Carl Dornbush, Bachelors Candidate, Embry-Riddle Aeronautical University. Collection Management, will assist in the preservation and restoration of aerospace artifacts, September 14, 1992 through December 13, 1992.
- Christopher Edwards, High School Graduate. Department of Exhibits, OESE Intern '92: research new equipment, drawings, and plans for proposed exhibits, installing and focusing lighting units for new exhibits and revamp existing exhibits, July 13, 1992 through August 14, 1992.
- Latonya Fields, High School Student. Planetarium, serve as a theatre aid, June 29, 1992 through August 14, 1992.
- Keith Filter, Bachelors Degree. Archives, aid in establishing physical, intellectual, and legal control of archival collections; work will include arranging and re-housing, preparing folder descriptions and labels and performing preservation tasks, June 8, 1991 through August 14, 1992.
- Jason Foshe, Bachelors Candidate, Parks College. Collections Management, will assist in the preservation and restoration of aerospace artifacts, September 14, 1992 through December 13, 1992.
- Tracy Goldsmith, Bachelors Candidate, College of William and Mary. Department of Space History, assist curatorial staff with research on Henry Norris Russell, assessing the impact of Russell's contributions to the study of stellar astronomy and astrophysics during the period 1900-1955, June 8, 1992 through August 14, 1992.
- Pamela Grebow, Bachelors Degree. Department of Communications, update museum's publications brochure; research publications awards and grants; update the mailing lists for publications; write press releases for museum publications, June 8, 1992 through August 14, 1992.

- Jack Green, Masters Candidate, George Washington University. Collections Management, will assist NASM conservator in the Museum's collections, September 14, 1992 through December 11, 1992.
- Austin Greene, High School Student, Woodward Academy. Department of Exhibits, assist staff with silk screening of labels for "Where Next, Columbus?" gallery, June 15, 1992 through July 1, 1992.
- Susan Hefter, Masters Candidate, Catholic University. Library, prepare an annotated acquisitions list for the museum's planned
- Visitor Resource Center, which will be part of the "How Things Fly" gallery, June 29, 1992 through August 10, 1992.
- Jennifer Herbst, Bachelors Candidate, University of Maryland. Laboratory of Astrophysics, assist staff with astronomy and astrophysics research involving data reduction and analysis, and laboratory development, June 8, 1992 through August 14, 1992.
- Karl Hoffman, Bachelors Candidate, Georgetown University. Office of the Registrar, research curatorial files of accessioned objects in the Aeronautics and Space History Departments and pull all original registration and condition/registration documents for the Registrar's files, June 8, 1992 through August 14, 1992.
- Paul Hoffercker, Bachelors Candidate, University of Colorado. Education Division, research and review resource materials for curriculum booklets on space physiology and the planets, work with the curriculum coordinator to develop, test, and write activities to accompany the space show public science demonstration, June 8, 1992 through August 14, 1992.
- Shannon Hothem, High School Graduate. Office of Computer Services, OESE Intern '92: assist in configuring and installing personal computer hardware and software, including network hardware, June 8, 1992 through July 10, 1992.
- Stella Hwang, High School Student, Thomas Jefferson High School. Laboratory for Astrophysics, work with the infrared heterodyne team, assisting in data analysis, acquisition, and interpretation. Studies will include the dynamics and composition of planetary atmosphere, September 16, 1992 through June 30, 1993.
- Demetryess Inge, High School Student. Langley Theatre, theatre aide, June 29, 1992 through August 30, 1992.
- Martin Jefferson, Bachelors Candidate, Howard University. Department of Space History, will assist Project Smart pilot video as a production assistant, September 19, 1992 through December 15, 1992.
- Sean Jeralds, Masters Candidate, Embry-Riddle Aeronautical University. Department of Space History, assist in assessing the museum's printed inventory files to determine those artifacts worthy of restoration or exhibition; prepare database of findings; and present daily public science demonstrations, June 8, 1992 through August 14, 1992.
- Amy Kemp, Bachelors Candidate, Northwest Nazarene College. Center for Earth and Planetary Studies, compile the best images of Mars photographed from Viking and Mariner Spacecraft for several topical categories for use with NASM's laser videodisc under production, June 15, 1992 through August 14, 1992.
- John Krozak, Bachelors Candidate, Embry-Riddle Aeronautical University. Collection Management, assist in restoration of historic aircraft and spacecraft, especially the Aichi M6A1 Seiran, the *Enola Gay's* right inboard wing, June 8, 1992 through August 14, 1992.
- Paul Lagasse, Bachelors Candidate, Regis University. Department of Aeronautics, assist with research on the history of small gas turbine engine industry; search the literature, acquire photographs and documentation, write a report, June 8, 1992 through August 14, 1992.
- Derrick Lampkin, Bachelors Candidate, Ohio State University. Center for Earth and Planetary Studies, implement a FORTRAN computer program applying it to lava flows observed on Earth, Mars, and the Moon by changing conditions to match the different planetary conditions, June 22, 1992 through August 14, 1992.
- Julie Landweber, Bachelors Candidate, Reed College. Department of Aeronautics, survey instruments in aircraft stored at the Garber Facility; coordinate material in the curatorial files; complete accession reports; and preserve archival collections, June 8, 1992 through August 14, 1992.
- Lai Lee Li, Masters Degree. Division of Education/Library, develop annotated bibliographies on selected aerospace subjects for middle school readers and adults for use in Mail Response Room and Visitor Resource Center in the "How Things Fly" exhibition gallery; prepare a finder's guide to photos and printed materials in the Mail Response Room, May 18, 1992 through July 31, 1992.
- Robert Lyons, Bachelors Candidate, Montgomery College. Department of Exhibits, assist on "Where Next, Columbus?" gallery; design a brochure for the explainer's program, June 8, 1992 through August 14, 1992.
- Janice MacKinnon, Visiting Professional. Department of Education, create annotated bibliographies by researching, ordering, and reviewing resource materials for two curriculum booklets on space physiology and environmental studies, July 6, 1992 through August 14, 1992.
- Carol Mahan, Bachelors Candidate, Texas A&M University. Einstein Planetarium, develop a planetarium presentation for young children to be incorporated into the museum's school programs and will assist with the planetarium's outreach to Girl Scouts, September 14, 1992 through December 13, 1992.
- Sarah Mattis, Bachelors Candidate, George Mason University. Art Department, assist with the maintenance of the NASM art Collection, loan program, and office functions; organize and label photographs, research artists for additions to the art database, and inventory art collections, June 8, 1992 through August 14, 1992.
- Liv Meissner, Bachelors Candidate, American University. Communications Department, prepare public service an-

- nouncements, weekly news digest, press releases, possible Torch article, and answer public inquiries about the museum and its programs and exhibits, May 20, 1992 through August 14, 1992.
- Nancy Michaelson, Masters Candidate, University of Maryland. Center for Earth and Planetary Studies, assess forest damage and loss caused by air pollution in Czechoslovakia, June 8, 1992 through December 14, 1992.
- Douglas Miller, Bachelors Candidate, Princeton University. Collections Management Department, assist on preservation and re-housing of the museum's collection of aircraft engines, June 15, 1992 through August 14, 1992.
- Luis Obregon, Bachelors Candidate, National Museums of Guatemala. Department of Exhibits, assist with the "Star Trek Commemorative Exhibit" design and construction, December 10, 1991 through December 31, 1991.
- David Oliver, Bachelors Candidate, University of Maryland. Laboratory for Astrophysics, develop an educational software package on the Mac for classroom use, May 26, 1992 through December 11, 1992.
- Verena Olson, Bachelors Candidate, Washington University. Exhibits Department, assist on "How Things Fly" gallery with model making and drafting for exhibit and gallery installation, June 8, 1992 through August 14, 1992.
- Michele Ploessel, Bachelors Candidate, University of California, Santa Cruz. Center for Earth and Planetary Studies, assess literature on the thickness and volume of mare deposits on the far side of the moon, learn how photos of the moon have been obtained from the Lunar Orbiter and Apollo mission and find available images; generate an isopach map of mare thicknesses, June 8, 1992 through August 14, 1992.
- Donald Porter, Bachelors Candidate, Parks College. Collections Management, assist in restoration and preservation tasks including documenting the restoration process by video, still photographs, June 8, 1992 through August 14, 1992.
- Melissa Raff, Bachelors Candidate, Skidmore College. Education Resource Center, work with teachers, assisting them as they preview and copy computer software; evaluate and suggest additions to the collection; assist in general operations of the center, June 8, 1992 through August 14, 1992.
- David Roy, Masters Candidate, Embry-Riddle Aeronautical University. Collections Management Department, will assist in the preservation and restoration of aerospace artifacts in the Museum's collections; and perform week day public science demonstrations, September 14, 1992 through December 11, 1992.
- Michael Ruzicka, Bachelors Degree, Montana State University. Wide range of photographic duties including: assignment reproduction, printing, and laboratory tasks and support to the staff, August 31, 1992 through September 31, 1993.
- Andrew Schneider, Bachelors Candidate, University of Chicago. Department of Aeronautics, assist with library and archival research into the accomplishments of Giulio Douhet (1869-1930), one of the earliest proponents of strategic bombing, June 8, 1992 through August 14, 1992.
- Eryn Scott, High School Student, Benjamin Banneker High School. Archives, restoration, conservation, and cataloguing of items in Warshaw collection of Business Americana. August 10, 1992 through June 30, 1993.
- Stacy Sukov, Bachelors Candidate, University of Pennsylvania. Cooperative Programs, develop a catalog of air and space museums in the US and abroad; design a format, review existing information, research missing information, and verify final copy with museums; develop marketing list for the catalog, June 8, 1992 through August 14, 1992.
- Erik Thogersen, Bachelors Degree. Education Division, present science demonstrations to visitors and assist with the development of exhibits for the "How Things Fly" hands-on science gallery, June 15, 1992 through August 21, 1992.
- Robert Thomas, Bachelors Candidate, Texas A&M University. Collections Management Department, will assist in the preservation and restoration of aerospace artifacts in the Museum's collections, September 14, 1992 through December 17, 1992.
- Alan Vance, Bachelors Degree. Office of Exhibits, assist with graphics for the "Star Trek" exhibition, January 23, 1992 through February 28, 1992.
- Robert Weihrach, Bachelors Candidate, Parks College. Collections Management, assist in restoration of historic aircraft and spacecraft, especially the Aichi M6A1 Seiran, the *Enola Gay's* right inboard wing, June 8, 1992 through August 14, 1992.
- Amy Willats, Bachelors Degree. Department of Interpretive Programs, develop a planetarium presentation for middle school students in the Einstein Planetarium and organize its slide collection and flat files of astronomical materials, June 8, 1992 through August 14, 1992.
- Richard Yao, High School Graduate, Westminster School, OESE Intern '92. Department of Space History, work with materials dealing with the technology of manned spaceflight in order to organize and prepare research materials for archival records; assist with care and storage of space suits, June 8, 1992 through July 10, 1992.

National Museum of African Art

- Bongi Bengu, Bachelors Candidate, Mount Vernon College. Exhibits Office, will observe and participate in: silkscreen production, photographing & lighting of museum objects, object installation. Will assist supervisor in budget, schedule and contract development. In addition, intern will compile a production handbook, outlining the principles observed and outline the production steps in each area, September 10, 1992 through December 10, 1992.

Pedra Chaffers, Bachelors Degree. Department of Education, assist in the coordination of two summer workshops; assist in the development of teacher materials and curriculum development of a summer course for educators, June 1, 1992 through August 18, 1992.

Beatrice Couanne, Bachelors Degree. Office of Exhibits, assist in the development of graphics for an exhibition, assist with final lighting as well as in the production of paste-up work and layouts, January 21, 1992 through March 27, 1992.

Celeste DeWald, Bachelors Degree. Office of Education, assist on creation of a handbook of objects in the permanent collection for docents, June 22, 1992 through August 21, 1992.

Lisa Kluth, Bachelors Candidate, Gallaudet University. Department of Education, assist in research, development and writing of a teacher's packet for the September teacher workshop: "Woven Treasures: Creating Ewe Cloth"; assist in developing a slide kit & related informational material for the workshop; assist in research and development of a family guide to the museum's permanent collection, July 6, 1992 through August 31, 1992.

Cory Micots, Master's Candidate, Cleveland State University. Will assist the Curatorial department in researching 85 masks for an upcoming exhibition: "The Face of the Spirits: Masks from the Zaire Basin." Also, will update an illustrated and annotated bibliography on the source, significance and use of color in Africa for publication, August 14, 1992 through November 20, 1992.

Rebecca Marie Molholt, Bachelor's Degree, Clark University. Will assist Curator of Archives in the duplication, cataloguing, and housing of the Drewel/Thompson Collection. In addition, intern will be entering collection data in a database, and will be doing guided reading concerning Yoruba art, September 8, 1992 through December 31, 1992.

Denise Mortimer, Bachelors Candidate, Wesleyan University. Photographic Archives, assist with a survey of African pictorial holdings, June 8, 1992 through August 14, 1992.

Kimberly Scott, Bachelors Degree. Curatorial Department, assist in the research of three individual projects for the curatorial department, June 1, 1992 through August 7, 1992.

Mary Shane, Bachelors Candidate, University of West Florida. Department of Education, create a handbook of objects in the museum's Permanent Collection gallery for docents, June 1, 1992 through August 7, 1992.

Dylan Smith, Bachelors Degree. Department of Conservation, basic conservation technique, ethics and responsibilities, care and handling of ethnographic art, preventative maintenance conservation, environmental control and conservation technique, June 15, 1992 through August 24, 1992.

Gregg Theobald, Bachelors Candidate, Wabash College. Associate Director, assist in the research and preparation of materials for the publication of the NMAFA permanent collection, June 15, 1992 through August 21, 1992.

Konrad Tuchscherer, Masters Candidate, University of London. Archives, assist with preparations for the "Elmina" exhibition, opening October, 1992; guided research and

reading on the history of Elmina, compile visual materials related to Elmina history and learn how to interpret these materials critically; compile biographies of important African traders and their wives, July 13, 1992 through August 31, 1992.

Jens Westerfeld, Masters Candidate, Freie Universitat-Berlin. Archives, assist in cataloguing the Gulla Kell Pfeffer Collection; including identifying and labeling about 400 photographs, transcribe letters, and research a film made by the collector, February 10, 1992 through April 17, 1992.

Megan McGuire Wilkinson, Bachelor's Candidate, Towson State University. Associate Director, will assist in research and preparation of materials for the publication of an anthology of NMAFA's permanent collections. Assignments will include general readings on African Art, and specific library and archival research on works of art.

National Museum of American Art

Kim Abrahamson, Masters Candidate, American University. NMAA Advanced Museum Training Program, September 8, 1992 through April 28, 1993

Alexis Alcott, High School Graduate. Research, OESE Intern '92: work with the permanent collection database evaluating and editing records for an upcoming exhibition, July 13, 1992 through August 14, 1992.

Ama Amoaka, High School Student, Potomac High School. General overview of museum registration, May 4, 1992 through May 31, 1992.

Laura Baptiste, Bachelors Candidate, Tufts University. Division of Graphics Art, assist with the general projects, June 1, 1992 through July 24, 1992.

Tamara Bechara, High School Student, Potomac High School. General overview of museum registration, May 4, 1992 through May 31, 1992.

Gretchen Bender, Masters Candidate, American University. NMAA Advanced Museum Training Program, September 8, 1992 through April 23, 1993.

Megan Burness, Bachelors Candidate, University of Michigan. Office of the Registrar, assist the office on all levels with general registrarial responsibilities, June 1, 1992 through July 24, 1992.

Courtney Deangelis, Masters Candidate, American University. NMAA Advanced Museum Training Program, September 8, 1992 through April 23, 1993.

Lisa Donnelly, Masters Candidate, George Washington University. NMAA Advanced Museum Training Program, September 8, 1992 through April 23, 1992.

Mona Foad, Bachelors Degree. Curatorial, assist in preparations for exhibitions, "Free Within Ourselves" and "Romare Bearden", June 1, 1992 through July 24, 1992.

Kevin Foley, Bachelors Candidate, University of Massachusetts. Division of Design and Production, assist on all levels with re-installation projects, June 1, 1992 through July 24, 1992.

Adam Frelin, High School Graduate. Office of the Registrar, OESE Intern '92: assist the staff in the daily work ranging from filing records and entering data to moving artwork or crates, June 8, 1992 through July 10, 1992.

Heather Glenn, Bachelors Degree. Graphic Arts, assist in graphic arts, education, and general curatorial departments, January 13, 1992 through April 24, 1992.

Lynn Hawkins, Masters Candidate, Tulane University. Intern Programs, advanced level museum training program, January 27, 1992 through May 8, 1992.

Kimberly Hedges, Masters Candidate, American University. Department of Painting and Sculpture, research assistant, January 13, 1992 through May 8, 1992.

David Hinkson, High School Graduate. Curatorial, OESE Intern '92: assist with preparation for public programs for the exhibition titled "Chicano Art: Resistance and Affirmation", June 8, 1992 through July 10, 1992.

Michele Hoffman, Masters Candidate, University of Maryland. Library, Ferdinand Perret Collection archival processing, January 28, 1992 through May 31, 1992.

Caryn Houghton, Masters Candidate, Brigham Young University. NMAA Advanced Museum Training Program, September 8, 1992 through April 23, 1993.

Masadm Igarashi, Visiting Professional, Seon Museum of Art. Division of Graphic Arts, oriental influences on American prints, January 21, 1992 through April 30, 1992.

Joan James, Masters Candidate, University of Illinois. NMAA Advanced Museum Training Program, September 8, 1992 through April 23, 1993.

Ann Kenny, Masters Candidate, American University. NMAA Advanced Museum Training Program, September 8, 1992 through April 23, 1993.

Elizabeth Kirk, Masters Candidate, American University. NMAA Advanced Museum Training Program, September 8, 1992 through April 23, 1993.

Lara Milavickas, Bachelors Candidate, Ohio University. Office of the Registrar, assist in the shipping office, storage office, and Rights and Reproduction Office, November 15, 1991 through December 20, 1991.

Ana Montoya, Bachelors Degree. Curatorial, assist with preparation for public programs for "Chicano Art" exhibition, June 1, 1992 through August 7, 1992.

Lia Nalbantidov, Bachelors Degree. Intern Programs, project in the Office of Research Support, January 31, 1992 through May 8, 1992.

Jerry Potocnik, Bachelors Candidate, University of Kansas. Office of the Registrar, assist the office on all levels with general registrarial responsibilities, June 1, 1992 through July 24, 1992.

Laura Schwartz, Bachelors Candidate, University of California-San Diego. Library, general overview of the workings of an arts library, June 8, 1992 through August 31, 1992.

Rachel Seligman, Masters Candidate, George Washington University. NMAA Advanced Museum Training Program, September 8, 1992 through April 23, 1993.

April Sommers, Masters Candidate, American University. NMAA Advanced Museum Training Program, September 8, 1992 through April 23, 1993.

Sarah Stillpass, Bachelors College, Smith College. Will be working with the curator of photography in the NMAA on the exhibition of the "American Surrealist Photographers", September 8, 1992 through December 18, 1992.

Laura Taylor, Bachelors Candidate, De Paul University. Museum Programs, public programming for Romare Bearden exhibition, June 8, 1992 through August 3, 1992.

Julie Wolfe, Masters Candidate, George Washington University. NMAA Advanced Museum Training, September 8, 1992 through April 23, 1992.

Kenneth Yazzie, Masters Candidate, University of Colorado. NMAA Advanced Museum Training Program, September 8, 1992 through April 23, 1992.

National Museum of American History

Crystal Anderson, Bachelors Candidate, College of William and Mary. Computer Information Society, compile information for a new computer from Intergraph to assist tourists in finding their way around the museum, May 11, 1992 through August 7, 1992.

Whitney Ashby, High School Graduate. Department of Armed Forces History, OESE Intern '92: work with collections of uniforms, insignia art; care of collections and assist with mounting exhibitions, July 13, 1992 through August 14, 1992.

Alison Barnes, Bachelors Candidate, Salisbury State University. Department of Education, assist in organizing a small reference library for development of high school museum studies curriculum; provide support for Young Interpreters Program, June 1, 1992 through August 27, 1992.

Shay Bauman, Bachelors Candidate, Florida State University. Department of Education, assist with background research on 1-2 units under development; work on the Manhattan Project, Biotechnology; participate as a member of the development team, brainstorming ideas; assist with hosting teachers from west, New York, and the DC area, May 19, 1992 through July 7, 1992.

Eric Beauchesne, Bachelors Candidate, Marymount University. Department of Education, assist in planning and fabrication of exhibits, and participation in the interpretation program, January 9, 1992 through April 24, 1992.

Alison Beck, Bachelors Degree. Department of Public Programs, assist in the Discovery Room as well as work on various educational projects, February 4, 1992 through April 10, 1992.

- Jennifer Biancaniello, Bachelors Degree. Division of Political History, work in a variety of settings and situation in division gaining experience in collections, ranging from the Scopes Trial to the World's Fair 1939 in the areas of collections management, June 15, 1992 through August 15, 1992.
- Sara Bork, Bachelors Degree. Division of Medical Science, help catalogue objects in collections of health sciences equipment; measure, describe, and photograph objects and add them to computerized inventory list, June 8, 1992 through July 10, 1992.
- Christopher Bradley, Bachelors Candidate, Randolph-Macon College. Department of Transportation, assist in re-housing half-built models; monitor and maintain artifacts in the Hall of American Maritime History, June 29, 1992 through August 13, 1992.
- Julie Brandt, Bachelors Candidate, University of Maryland. Internship and Fellowship Office, work on intern roster for summer of '92; give orientation tours and lectures; organize the intern bulletin board in the intern office, June 1, 1992 through August 31, 1992.
- Sharon Braslaw, Bachelors Candidate, University of Michigan. Division of Domestic Life, assist with the care of the collections and upkeep of the permanent exhibition "After the Revolution: Everyday Life in America, 1780-1800", June 1, 1992 through July 31, 1992.
- Dawn Brown, High School Student, Duke Ellington School of Arts. Office of Public Programs, help visitors understand American history through interpretation, June 29, 1992 through August 7, 1992.
- Kristin Brown, Bachelors Candidate, Smith College. Assisting in the research for upcoming exhibit in science & society in the United States, September 8, 1992 through December 18, 1992.
- Jennifer Bunge, Bachelors Candidate, Hood College. Division of Domestic Life, participate in management of the collections and in the revisions to "After the Revolution", January 28, 1992 through May 8, 1992.
- Sean Burch, Bachelors Degree. Department of Political History, research concerning the 19th century exhibition as well as sports in the 19th century, July 6, 1992 through August 28, 1992.
- Marc Carbonneau, Bachelors Candidate, George Washington University. Will perform research for "Rock & Roll" exhibition for search of *Billboard Magazine* 1945-1955, September 21, 1992 through December 18, 1992.
- Megan Carr, Bachelors Candidate, Amherst College. Division of Armed Forces History, research, photograph, document, and rehouse the 19th century military epaulets; assist with the mounting of the showcase exhibit: "American Women and War" and "G.I. the American Soldier Experience in WWII", June 1, 1992 through July 31, 1992.
- Pamela Carter, Bachelors Candidate, Smith College. Assisting in the exhibit "Impact of Industrialization on 19th C. American Life", September 8, 1992 through December 18, 1992.
- Evelyn Causey, Bachelors Candidate, Bryn Mawr College. Department of Social and Cultural History, assist in development of a feasibility study for the "American Festival" exhibition by conducting artifacts and graphics research related to various themes of the exhibition, June 29, 1992 through September 15, 1992.
- Benjamin Ceja, High School Graduate. Department of Numismatics, OESE Intern '92: assist staff by typing up labels for part of the collection; assist in conservation of paper notes and arranging photo archives, July 13, 1992 through August 14, 1992.
- Mary Cheek, Bachelors Candidate. Division of Community Life, process Orth World's Fair Collection; research for exhibit on the social origins of Rock and Roll in Memphis, May 18, 1992 through July 31, 1992.
- Stacy Coates, Bachelors Candidate, Howard University. Archives Center, organize and processing of the audio-visual records of the program in African-American Culture collection, June 8, 1992 through August 14, 1992.
- Daniela Cos, Bachelors Degree. Department of Conservation, conservation work with American Military Uniforms, June 8, 1992 through July 31, 1992.
- Anna Deeny, Bachelors Candidate, Shepherd College. Department of Music History, cataloguing chamber music programs, June 23, 1992 through August 13, 1992.
- Natalia de Pierola, Bachelors Candidate, University of Washington. As assistant internship and fellowship coordinator. Natalia will document through color black & white photographs the museum internship program, September 29, 1992 through December 8, 1992.
- Tracie Rae Derwin, Bachelors Candidate, UC San Diego. Exhibition assistant for "Go Forth and Serve", September 21, 1992 through December 5, 1992.
- Kimberly Dillon, Bachelors Candidate, University of Missouri. Office of Education, assist in development of the Hands-on History Room, June 8, 1992 through August 5, 1992.
- Kris Dittman, Bachelors Degree. Division of Agriculture, work on collections management programs, ranging from cataloging to conservation to transferring and re-housing various collections geared toward understanding the management aspects of museum work, June 1, 1992 through December 24, 1992.
- Ashley Dixon, Bachelors Candidate, Randolph-Macon Woman's College. Division of Armed Forces History, locate, research, document artifacts to be used in the exhibit "G.I. American Soldier Experience in WWII"; assist with exhibition "American Women in War", January 27, 1992 through April 24, 1992.
- Linda Dodds, Masters Candidate, Oregon State University. Researching and compiling data to be used in a project focused on the construction of metro tunnels, September 10, 1992 through December 10, 1992.
- Griffin Donnell, High School Student, Duke Ellington School of Arts. Office of Public Programs, assist visitors in

- understanding American history through interpretation, June 24, 1992 through August 7, 1992.
- Kathryn Duffy, Bachelors Candidate, Georgetown University. Office of Interns and Fellowships, orientation leader; coordinate brown bag lunches, June 17, 1992 through August 14, 1992.
- Gerald Dukatz, Bachelor's Candidate, George Mason University. NMAH - Internship Office, Concentrate on performing major orientation and facilitating acceptance procedures for interns. Organize, improve, and perform orientation tasks to get optimum use of new intern's time and energy. Assist Internship Coordinator, April 13, 1992 through June 19, 1992.
- Richard T. Eisenhower, Master's Candidate, George Washington University. Processing of Edward J. Orth World's Fair Collection, involving registration and cataloguing procedures. Objects from the 1939-1940 World's Fair, April 28, 1992 through July 31, 1992.
- Julie Eyerman, Bachelors Candidate, University of South Carolina. Publications, May 18, 1992 through August 15, 1992.
- Miriam Femerle, Bachelors Candidate, Reed College. Division of Numismatics, collections management, June 8, 1992 through August 15, 1992.
- Alan Freeman, Masters Degree. Division of Community Life, create and assemble the intern manual for high school students; work on the "Go Forth and Serve" exhibit; research missing photos for the "Field to Factory" exhibit, June 1, 1992 through August 31, 1992.
- Beatus Frey, Ph.D., University of Zurich. Collections management in numismatics, September 8, 1992 through March 3, 1993.
- Robert Fridovich, Bachelors Candidate, Boston University. National Postal Museum, research and write for the Offices of Development and Public Affairs; assist with establishing a new Office of Public Affairs for the National Postal Museum; work in all aspects of museum promotion and publicity, July 2, 1992 through August 26, 1992.
- Jeffrey Gale, Bachelors Candidate, University of Maryland, Baltimore County. Compiling research data, organizing project plans, organizing archival collections, assisting in administrative duties, September 21, 1992 through December 31, 1992.
- Shannon Gleason, Bachelors Candidate, Stephens College. Office of Public Affairs, write press releases; work with media; assist in planning exhibitions, researching special events, May 26, 1992 through August 25, 1992.
- Marlan Green, Bachelors Candidate, The University of the South. Architectural History, research on Washington architecture in the 20th century, June 15, 1992 through August 14, 1992.
- Andi Gwyn, Masters Candidate, George Washington University. Will work on a variety of collections management related projects including processing the Edward J. Orth World's Fair Collection and related collections in the Community Life, September 1, 1992 through December 3, 1992.
- Kerry Hamilton, Bachelors Degree. Museum Programs, compile brochures and data entry for the American Sampler Program, November 1, 1991 through May 31, 1992.
- Lara Harris, Bachelors Candidate, Washington University. Office of Exhibit Design, work on "Science and American Life" exhibit with contact designer, chief of design, and design production coordinator; perspective drawings, typographic layouts, draft scale drawings, help construct 3-D foam model of exhibit, June 1, 1992 through August 24, 1992.
- Katherine Harrison, Bachelors Degree. Archives Center, assist in archiving of the Arab-American collection, June 8, 1992 through August 21, 1992.
- Becky Hartshorn, Bachelors Degree. Division of Community Life, Black Land Grant Colleges Show; Youth Interpretive Services, February 27, 1992 through June 5, 1992.
- Kelly Hawkins, Bachelors Degree. Division of Home and Domestic Life, assist with all phases of collections management for the installation of "After the Revolution", October 7, 1991 through March 31, 1992.
- Hillary Haynes, High School Student, Duke Ellington School of Arts. Office of Public Programs, assist visitors in understanding American history through interpretation, June 24, 1992 through August 7, 1992.
- Michelle Heller, Bachelors Candidate, Tufts University. Division of Community Life, background research on artifacts and information for American festival in Japan, June 15, 1992 through August 8, 1992.
- Patricia Henriques, Bachelors Candidate, Amherst College. "Underwood & Underwood Glass Stereoscopic Collection"—research and archival work video disk of the "U & U" stereograph negatives, July 8, 1992 through December 18, 1992.
- Valeska Hilbig, Masters Candidate, New Mexico State University. Department of Education, research global ecological issues for "Science in American Life" exhibit; assist in incorporating the research in a video disc interactive storyboard; research and produce copyright for film segments, as well as participate in relevant staff meetings, May 14, 1992 through July 31, 1992.
- Sarah Holthaus, Bachelors Candidate, Marymount University. Division of Community Life, pursue research for and assist in organization of the exhibition "The American Experience" which will travel to Japan, January 22, 1992 through April 24, 1992.
- Holland Hopson, Bachelors Candidate, Birmingham-Southern College. Division of Musical History, work with the Duke Ellington Bibliographic Database; assist with "Duke Ellington: Beyond Category" exhibition; transcriptions of oral history; assist with the Smithsonian Jazz Masterworks Orchestra, June 1, 1992 through August 31, 1992.
- Alanson Horton, Bachelors Candidate, Miami University. Department of Public Affairs, work on the Duke Ellington Project, June 20, 1992 through August 7, 1992.

- Ann Howard, Masters Candidate, University of Maryland. Archives Center, organize archival collections, abstract oral histories, administrative support, reference archival support, June 8, 1992 through August 21, 1992.
- Mark Hsu, Bachelors Candidate, Johns Hopkins University. Academic Programs, work on *American Quarterly* as copy editor, June 16, 1992 through August 28, 1992.
- Kathleen Hughes, Bachelors Candidate, Yale University. Division of Museum Programs, assist with programs for "American Encounters" opening; research and develop for 1992-1993 American Sampler Series, especially "Word of Mouth" storytelling symposium; assist with publicity for "Music of New Mexico" recordings; assist with "Spirits of the Present" concert for radio broadcast, June 1, 1992 through August 7, 1992.
- Mary Huelsbeck, Bachelors Candidate, Carroll College. Division of Community Life, focus on a variety of museum practices including collections management, condition surveys of present exhibitions and installation and de-installation of special exhibitions; research pertaining to sports and musical entertainment, January 23, 1992 through May 1, 1992.
- Chris Jackson, High School Student, Largo Senior High School. Chris will learn all facets of security procedures, including the functions of guards, aspects of personnel administration, property accountability, record keeping, and fire and safety inspections, May 4, 1992 through August 28, 1992.
- Kylie Jackson, Bachelors Candidate, Brown University. Division of Political History, research Black Californians; work on the Young Interpreters Project, June 1, 1992 through August 7, 1992.
- Delecia Jenkins, High School Student, Duke Ellington School of Arts. Office of Public Programs, assist visitors in understanding American history through interpretation, June 24, 1992 through August 7, 1992.
- Lallitha John, Bachelors Candidate, George Washington University. Division of Community Life, assist in the research and organization of the exhibition "Roots of Rock 'n' Roll", February 3, 1992 through April 30, 1992.
- Barbara Johnson, Masters Candidate, University of Delaware. Conservation Internship/surveys of artifacts/treatment of artifacts research project/analysis of artifacts, September 8, 1992 through September 1, 1993.
- Eric Johnson, Bachelors Candidate, College of William and Mary. Division of Community Life, work with the Young Interpreters Program; create scripts and develop program carts; work on researching missing photos in "Field to Factory", June 1, 1992 through August 11, 1992.
- Daniel Jones, Bachelors Degree. Division of Community Life, assist with Young Interpreters Program, June 1, 1992 through August 31, 1992.
- Michael Jones, Masters Candidate, Morehouse College. Archives Center, abstract and index the oral histories on Duke Ellington, July 6, 1992 through August 7, 1992.
- Brian Kalt, Bachelors Candidate, University of Michigan. Division of Political History, work with objects and graphics for the show "U.S. Presidency"; prepare a report, June 1, 1992 through July 31, 1992.
- Jessica Kaz, Masters Candidate, George Washington University. Division of Education, assist in development of the handbook for the Cultural Reporter project, January 6, 1992 through April 30, 1992.
- Shauna Keane, Masters Candidate, George Washington University. Office of Education, Hands-On History Room audience research and interpretation manual, February 6, 1992 through April 23, 1992.
- Trisa Kelly, Masters Candidate, Portland State University. Program of African American Culture, conduct research on diasporic religious/sacred rituals, participant contacts, etc. for the 1994 African American History Month conference on African American Religious Traditions, June 23, 1992 through August 28, 1992.
- Laura Kinsey, Bachelors Candidate, Stanford University. Department of the History of Science and Technology, obtain copyright permissions for graphics; assist the collections manager; pursue research as needed, June 22, 1992 through August 17, 1992.
- Valerie Keoun, Masters Candidate, George Washington University. Office of Education, work on final phase of the development of the Hands-on History Room, January 13, 1992 through May 8, 1992.
- Paul Kramer, Masters Degree. Archives Center, serve as a research assistant on the developing project "Ethnic Imagery in the Landscape of Commercials" contacting consultants, compiling bibliographies, and archival material, July 1, 1992 through August 30, 1992.
- Joseph Kuiper, Bachelors Candidate, Hope College. Division of Political History, documentary and photo research for the 19th Century project, January 21, 1992 through February 27, 1992.
- Alyce Kuklinski, Bachelors Candidate, Duke University. Archives Center, rehouse and catalog approximately 300 World War I and World War II posters in the Warshaw Collection; assist archivist with WWI and WWII posters in the Princeton Posters Collection, June 26, 1992 through August 7, 1992.
- Krista Larsen, Bachelors Candidate, University of Colorado at Boulder. Division of Political History, work on final development of the exhibit "Land of Promise: America in the 19th Century", May 26, 1992 through August 1, 1992.
- Sharon Lee, Bachelors Candidate, Montgomery College. Administration, assist staff with confidential issues around labor relations, filing, and answering telephones, June 29, 1992 through August 30, 1992.
- Carolyn Leo, Bachelors Candidate, Santa Clara University. Conservation and preservation of WWI soldier packs, as well as American military epaulets. Will also help with upcoming American GI exhibit, September 24, 1992 through December 22, 1992.

- Blair Levin, Bachelors Candidate, University of Maryland. Internships and Fellowships Office, organize and conduct orientation programs for prospective and incoming interns; compile an updated edition of the intern opportunities for summer of 1992, January 27, 1992 through April 24, 1992.
- Brenda Levy, Bachelors Degree. Internships and Fellowships Office, arrange Brown Bag Lunches for interns and fellows; maintain NMAH Intern Roster, December 1, 1991 through September 4, 1992.
- Christine Lewandowski, Bachelors Degree. Will assist with preparation of the Hands-on-History room and with training docents for that room, September 14, 1992.
- Sara Lewis, Bachelors Degree. Division of Costumes, develop reference files on American Designer, Claire McCardell, June 1, 1992 through August 7, 1992.
- Huag Liang, Ph.D. Candidate, University of Connecticut. Department of Political History, research on people in the west in the 19th century—how the came, whether they succeeded or not,—covering five groups of people: Europeans, Easterners, Asians, Indians, and African-Americans, July 1, 1992 through August 26, 1992.
- Felicia Liss, Bachelors Candidate, Vassar College. Division of Community Life, research for childhood exhibition on relationship between children and corporations, June 1, 1992 through August 31, 1992.
- Veronica Lopez, Bachelors Candidate, Amherst College. Archives Center, assist in preparing an exhibition of photographs based on the Carlos de Wendler-Funaro Gypsy research collections, June 1, 1992 through August 7, 1992.
- Sean Lucas, High School Student, Duke Ellington School of Arts. Office of Public Programs, assist visitors in understanding American history, June 29, 1992 through August 7, 1992.
- Teresa MacDonald, Bachelors Candidate, Franklin and Marshall College. Division of Military History, cataloging two collections of Women's Military Clothing and assist in rehousing project for epaulets, June 10, 1992 through July 31, 1992.
- Michelle Madden, Bachelors Degree. Duke Ellington School Project - helping to research and prepare publications for the museum studies program at the Ellington School in Georgetown, September 9, 1992 through December 18, 1992.
- Masayuki Maeda, Museum Professional, Okinawa Prefectural Museum. Internship an NMAH to gain comprehensive understanding of the major functional areas of a US museum. Will work with staff in each area, September 21, 1992 through March 12, 1993.
- Elenorah Maney, Bachelors Candidate, Portland State University. Program in African American Cultures, 1993 Duke Ellington Youth project and the teacher training workshop involved; pre-production activities for a November program on American Classical Music, June 29, 1992 through September 15, 1992.
- Judith Marvin, Masters Degree. Division of Community Life, survey the Smithsonian's Collection for ivory holdings and produce a brochure for the Elephant Ivory Exhibit to be open in August of 1992, May 28, 1992 through August 30, 1992.
- Jeannine Maschak, Bachelors Candidate, University of Pittsburgh. Department of History of Science and Technology, work on the "Science in American Life" exhibit, June 1, 1992 through August 2, 1992.
- Matthew McArthur, Bachelors Candidate, Portland State University. Reading, analyzing and summarizing the material contained in a collection of scholarly articles relating to the Afro-American Communities Project and adding that information to the data base. Reading, Analyzing and summarizing the material contained in a microfilm collection of the Black Abolitionist Papers and adding that information to a computerized database, April 7, 1992 through June 10, 1992.
- Josh McClung, High School Student. Will assist in the ordinance section of armed forces history in reorganization the collections in preparing for a complete inventory of objects, September 28, 1992 through May 31, 1993.
- Debra McCullough, Bachelors Degree. Department of Costumes, assist in reindexing library database, researching tee shirt data; design informative questionnaire on the image and identity project, July 6, 1992 through September 4, 1992.
- Angela McEliece, Bachelors Candidate, University of California-Santa Barbara. Department of Numismatics, collection management and organization of the collection, June 25, 1992 through August 5, 1992.
- Joseph McGeshick, Masters Degree. American Indian Awards Program, ethno history—Sokaogon Chippewa History—research the years 1850-1860 when the tribe became landless until 1934, treaty negotiations, etc, May 26, 1992 through July 31, 1992.
- Kelley McNiff, Bachelors Degree. Division of Biological Sciences, research and administrative assistant for the Science in American Life project: focusing on the section entitled "Science in Public Eye", January 22, 1992 through May 29, 1992.
- Darcy Meeks, Bachelors Candidate, Hartwick College. Division of Transportation, assist with the collections management and research of the rail trade literature collection and the Delaware & Hudson Railroad Engineering drawings; help with general curatorial operations, January 23, 1992 through April 24, 1992.
- Julia Merritt, Bachelors Candidate. *American Quarterly*, copy editing with the goal of providing writing and editing experience through work on a scholarly journal, June 15, 1992 through August 15, 1992.
- Andrew Meserole, Bachelors Degree. Division of Community Life, documentary research and oral history pertaining to Black Land Grant Colleges; assist with the youth interpreter program for "Field to Factory", February 18, 1992 through June 19, 1992.
- Amy Meyer, Bachelors Candidate, University of Maryland. Division of Design, assist the exhibit designer in all aspects

- of the upcoming exhibit of the Vietnam Veterans Memorial; create scale drawings of all the objects in the exhibit, June 29, 1992 through July 28, 1992.
- J. Brendan Meyer, Bachelors Candidate, University of Notre Dame. Architectural, research the modern architecture of Washington, DC for a book, May 20, 1992 through July 31, 1992.
- Miles Miller, Bachelors Candidate, Yakima Valley Community College. Office of the Registrar, work with curatorial, collections management, and administrative staff in collections record systems, object handling and processing, loans, and special projects, accountability, and off site storage, June 22, 1992 through August 14, 1992.
- Don Milner, Bachelors Candidate, Columbia Union College. African-American Index Project, research artifacts of the Afro-American culture and create an exhibit for the museum, January 13, 1992 through May 31, 1992.
- Karen Miyoshi, Bachelors Candidate. Division of Engineering and Industry, research on environmental equity and women and minorities in engineering, June 10, 1992 through August 14, 1992.
- Tchad Moore, Bachelors Candidate, Howard University. Assisting and researching Jazz Oral History Project, September 2, 1992 through December 31, 1992.
- James Morrill, Bachelors Degree. Will gain overview of personnel administration at NMAH and develop a current organizational chart of the NMAH and the history of position evolution, September 9, 1992 through December 31, 1992.
- Lisa Morris, Bachelors Candidate, Wells College. Division of Community Life, research focusing on the political origin of the American holiday Thanksgiving, and the debate over who was first, January 3, 1992 through January 30, 1992.
- Cara Mullio, Bachelors Candidate, California Polytechnical Institute. Department of the History of Science and Technology, research on the history of architecture in Washington, DC with particular emphasis on the major buildings that have been proposed but rejected because their designs were considered inappropriate, June 15, 1992 through August 29, 1992.
- Kareem Murphy, Bachelors Candidate, Howard University. Research for the Duke Ellington Jazz Archives, will assist the curator of the Duke Ellington Jazz Archives and his staff or research related to the field, September 30 1992 through December 31, 1992.
- Dawn Nave, Bachelors Candidate, Florida A&M University. Department of Social and Cultural History, microfilm records tracing activities of African-Americans in Camden, New Jersey in the late 19th and 20th centuries; assist on the "Go Forth and Serve" exhibition, June 15, 1992 through August 21, 1992.
- Carrie Nee, Bachelors Candidate, Loyola College. Department of the History of Science and Technology, guided research on history of modern architecture in DC including archival documentation, surveys and building records, computer data entry of primary sources and findings and organization of information, May 11, 1992 through August 14, 1992.
- Tonya Neff, Bachelors Candidate, Messiah College. Office of Public Affairs, work on the American Encounter Project, involved in research, drafting captions, doing photo research, and responding to routine PR inquiries and any other logistics needed, January 23, 1992 through May 6, 1992.
- Adam Nelson, Bachelors Candidate, St. Olaf College. Academic Affairs, editorial assistant, *American Quarterly*, doing editorial work and coordinating short-term research projects in American History, June 10, 1992 through August 28, 1992.
- Josephine Nieuwenhuis, Bachelors Candidate, Reinwardt Academy. Office of the Registrar, collection management, December 30, 1991 through June 26, 1992.
- Sarah Noble, Bachelors Candidate, Clark University. Department of Armed Forces History, assist project manager in daily operations of the department, June 29, 1992 through August 30, 1992.
- Luis Obregon, Visiting Professional. Office of Exhibit Design, graphic design on exhibits, production of scale models, and conceptual drawings, June 26, 1992 through September 23, 1992.
- Nora S. Oney, Bachelors Degree, Sweet Briar College. To gain a cultural understanding of the overall function & operation of the NMAH. TO develop an understanding of collections management. TO heighten research skills and develop knowledge of the material culture of American home life, September 8, 1992 through December 31, 1992.
- Kirstin O'Reilly, Bachelors Candidate, Skidmore College. Research and assistance with staff on Duke Ellington curriculum and "Pousse Cafe" reproduction, September 17, 1992 through December 9, 1992.
- Matthias Otto, Ph.D. Candidate, Technical University of Berlin. Graphics Art, research on the history of typesetting systems and history of the labor movement in the U.S. printing industry, July 13, 1992 through October 15, 1992.
- Hwakyung Park, Bachelors Degree. Division of Musical History, collections management duties including rehousing musical instruments, learning about materials, and conservation techniques in doing so, January 15, 1992 through August 31, 1992.
- Susan Parsons, Bachelors Candidate, University of Tennessee. Division of Numismatics, work on conservation and assist in rehousing, May 18, 1992 through August 9, 1992.
- Philip Partington, Bachelors Degree. Division of Architectural History, assist in the research and graphic documentation of Power, Politics, and Architecture: Washington: 1900-1990, February 3, 1992 through June 30, 1992.
- Donald Perna, Jr., Bachelors Degree. Office of the Registrar, registorial assistant for the Edward J. Orth World's Fair Collection; work in collections management, museum registration, and cataloging activities for the collection, January 6, 1992 through June 30, 1992.

- Jennifer Perry, Bachelors Candidate, Smith College. The intern will be assisting the curator in conjunction with the exhibition "Duke Ellington: Beyond Category," September 8, 1992 through December 18, 1992.
- Stephen Petrina, Doctoral Candidate, University of Maryland. Public Programs, background research for various sections in the "Science in American Life" project; assist in exhibit design, November 18, 1991 through January 31, 1992.
- Ellen Pollack, Masters Candidate, George Washington University. Will be doing research on "Oklahoma" exhibit, as well as, "Red, Hot, and Blue" exhibit, September 21, 1992 through December 18, 1992.
- Cristina Posa, High School Graduate. Department of Political History, OESE Intern '92: work with collections documenting political institutions; basic research, gathering photos, and assembling objects to be photographed, July 13, 1992 through August 14, 1992.
- Alison Prentice, Bachelors Candidate, Denison University. Intern and Fellowship Office, orientation leader and help with brown bag lunch, June 4, 1992 through August 5, 1992.
- Lynn Rainville, Bachelors Candidate, Dartmouth College. Department of Political History, as assistant to the curator, Lynn will locate artifacts and graphics for "Land of Promise" and will pursue research for labels concerning women in the west. She will also assist in collections management, March 30, 1992 through June 19, 1992.
- Jamie Ravenscraft, High School Graduate. Archives Center, OESE Intern '92, work with primary source materials; arrange contents and describe the contents of a collection, June 8, 1992 through July 10, 1992.
- Todd Recht, Bachelors Degree. Publications, design and produce camera-ready publications using desktop equipment; become familiar with museum operations and other design software, January 6, 1992 through June 30, 1992.
- Jennifer Reihm, Bachelors Candidate, University of California—San Diego. Department of Social and Cultural History, History of Rock and Roll research at Library of Congress, June 22, 1992 through August 21, 1992.
- William Reilly, Bachelors Degree. Department of Public Programs, research for the Duke Ellington educational programs, June 22, 1992 through July 1, 1992.
- Holliday Ridge, Bachelors Degree. Office of Education, assist in conducting audience surveys to evaluate hands-on activities and find a suitable exhibit title, January 23, 1992 through June 26, 1992.
- Kent Romoka, Bachelors Candidate, Mary Washington College. Internship Office, observe, improve, organize, and perform the orientation tasks for incoming interns and fellows; also gather information, organize, edit, and produce an updated edition of Intern Opportunities, January 21, 1992 through May 1, 1992.
- Aaron Ruilnick, Bachelors Candidate, University of Maryland. Office of Exhibition Design, assist in developing and drafting alternative designs for the Museum's entrances, designs that produce the most efficient use of available space and light and improve the visual and spatial information provided in these important transitional spaces, February 10, 1992 through May 8, 1992.
- Susan Russick, Bachelors Degree. Division of Paper Conservation, assist in preparation of materials for "American Encounters", March 2, 1992 through March 31, 1992.
- Matthew Sakakenny, Bachelors Candidate, Peabody Conservatory of Johns Hopkins University. Office of Telecommunication, recording and miscellaneous audio projects including Jazz Masterworks Orchestra, editing of Wolf Trap, June 1, 1992 through August 31, 1992.
- Denise Sala, Bachelors Candidate, University of Delaware. Archives Center, June 24, 1992 through August 8, 1992.
- Andrea Scibelli, Bachelors Candidate, American University. Internship and Fellowship Office, coordinate administrative processes for the summer 1992 internship applications, including build and maintain a database for tracking applications, receive and log their responses, and communicate with applicants and prospective supervisors, February 18, 1992 through April 24, 1992.
- Aphaphanh Sengsy, Bachelors Degree. Division of Education, cultural reporter, hands on history, American Encounters, May 19, 1992 through October 9, 1992.
- Kelli Shafer, Bachelors Candidate, University of North Carolina. Division of Numismatics, organize the fiscal documents in the department, May 18, 1992 through August 9, 1992.
- Katherine Shaughnessy, Bachelors Degree. Office of Exhibits and Design, organize the reference library and learn the management system for coordinating the work of the museum exhibition designers, May 20, 1992 through August 14, 1992.
- Jennifer Shearin, Bachelors Candidate, Kenyon College. African American Index Project, edit and input data; compile new data, June 18, 1992 through August 14, 1992.
- Sarah Shen, Bachelors Candidate, University of California—Berkeley. Office of Public Programs, biographical research for exhibition on American Musicals and Performance Materials for the "American Song" concert series, June 29, 1992 through August 21, 1992.
- Tracey Shields, Masters Candidate, Buffalo State College/Art Conservation. Conservation internship - surveys and treatment of artifacts/analysis of artifacts/research project, September 2, 1992 through September 1, 1993.
- Beth Shutika, Bachelors Candidate, North Carolina State. Office of the Registrar, review accession and nonaccession files submitted to the office from the 21 collecting units of the museum; train in everyday workings of the office including assigning accession numbers to new collections, May 26, 1992 through August 2, 1992.
- Lyle Slovic, Masters Candidate, George Washington University. African American Culture, assist in research for ongoing projects; assist in handling the press releases and public service announcements; other logistical support, June 15, 1992 through August 28, 1992.

- Hilary Smith, Bachelors Degree. Helping photographer in daily shooting duties, filing, & cataloguing of negatives and slides. Includes working with designers, exhibits, staffers and subject specialists. Will document historic events to preserve our nations heritage. September 8, 1992 through September 1, 1993.
- Martha Smith, Bachelors Candidate, Presbyterian College. Division of Armed Forces History, collections management and research for the "World War II Daily Life" exhibit and "Nurses Throughout the Wars" exhibit, January 21, 1992 through April 24, 1992.
- Rennee Snipe, Bachelors Candidate, Howard University. Division of Musical History, assist the production manager in producing Jazz Band/Orchestra; assist in house management the day of performance; collate mailing list for brochures, coordinate the contents for the concert programs, February 19, 1992 through April 10, 1992.
- John Spaight, Bachelors Candidate, Santa Clara University. Division of Physical Sciences, research the history of astronomical apparatus in the collections; help revise the text of Alvan Clark and Sons, June 22, 1992 through August 22, 1992.
- Nicola Spiss, Masters Candidate, George Washington University. As assistant to the archivist, Nicola will participate in the planning of the Underwood & Underwood Glass Stereograph Collection which is being filmed for videodisc, May 4, 1992 through July 31, 1992.
- Jodie Steiner, Bachelors Degree. Department of Public Programs, assist in background research for curriculum units being developed; assist with teacher workshop for participating in Science and American Life Project resource teams, June 22, 1992 through August 31, 1992.
- Jean Tanaka, Bachelors Candidate, University of Hawaii. Department of Education, assist with the design, production, and dissemination of the Southwest children's critically annotated bibliography; assist as needed with "American Encounters" exhibit; cultural reporter for educational outreach project, May 26, 1992 through July 24, 1992.
- Durahn Taylor, Bachelors Degree. Division of Political History, study the shift of political loyalties among African Americans from the Republican to the Democratic Party during the 1930's and 1940's, May 18, 1992 through August 7, 1992.
- Lacy Taylor, High School Graduate. Office of Public Programs, assist in a basic research project connected with the development of an annual concert series of classic popular and theatre music; locate photographs and sound recordings, June 8, 1992 through July 10, 1992.
- Howard Teasley, Bachelors Candidate, Howard University. Division of Musical History, assist in the production of the Smithsonian National Jazz Masterworks Orchestra for the season of the Jazz Masterworks Series, January 21, 1992 through August 31, 1992.
- Amelia Thomas, Bachelors Degree. Assists "Land of Promise" team with object and graphics collection management and will assist ceramics and glass curators with research and management of collections related to the aesthetic and Arts & Craft movement, September 14, 1992 through May 31, 1993.
- Laura Thomson, Bachelors Candidate, Mary Washington College. As assistant to the curator, Laura will be responsible for the cataloguing, accession and inscribing of the Guernsey Collection of recordings and create a scope and content note. She will also do preliminary organizing of the Nick Pearls recordings. May 4, 1992 through August 31, 1992.
- Mary Van Meter, Bachelors Degree. Office of Public Programs, assist in conducting background research on social science aspects of polymers, Manhattan project, public health; participate in group meetings to discuss unit development, June 22, 1992 through August 15, 1992.
- Jane Walker, Bachelors Candidate, College of Notre Dame of Maryland. Department of Exhibit Design, "American Encounters"—coordinate design and production for the exhibition and serve as liaison for all units of the exhibition team.
- Deborah Waller, Bachelors Degree. American Quarterly, research and copy editing, November 7, 1991 through January 31, 1992.
- Tzu-Fen Wang, Masters Candidate, George Mason University. Intern and Fellowship Office, initial design specifications for the Museum's Collections Information System, June 15, 1992 through August 18, 1992.
- Brad Weaver, Bachelors Candidate, Purdue University. Office of the Director, perform budget, accounting, and personnel analysis to support the work of the central administrative office, June 2, 1992 through July 31, 1992.
- Laura Wegman, Bachelors Candidate, Macalester College. Office of Education, design and fabricate displays for Hands-on Science Preview Area to test "Science in American Life" exhibit components with visitors; maintain Preview Area when open to the public; learn about development process for hands-on activities; assist with audience research and other office projects as needed, June 1, 1992 through July 24, 1992.
- Kevin Westrich, Bachelors Candidate, American University. To conduct research and documentation under the supervision of Mina Marafat on the architectural history of Washington, DC in the 20th Century, September 2, 1992 through December 11, 1992.
- Jennifer Williams, Bachelors Candidate, American University. Assisting with the management of the Political Process Collection, September 24, 1992 through December 11, 1992.
- Leah Williamson, Bachelors Candidate, University of Maryland. Division of Social and Cultural History, follow-up and location of oral history project interviews for the preparation of manuscript on the African-American migration.
- Shalott Wilson, Bachelors Candidate, Howard University. Department of Musical history, to assist producer with detailed planning duties involving the organization and set-

up of upcoming programs and performances. April 20, 1992 through May 23, 1992.

Cynthia Wood, High School Student, Salem Academy.

Division of Medical Sciences, participate in collection management procedures for medicines and spectacles, January 6, 1992 through January 23, 1992.

National Portrait Gallery

Cecilia Alfonso, Masters Degree. Assist the Production Manager & Asst. Chief, Design, & Production with the graphic and administrative work required for the design & production of exhibits. Specific duties may include drafting, blueprinting, copying, reviewing specifications, etc., September 15, 1992 through March 15, 1992.

Nicole Ardoin, Bachelors Candidate, James Madison University. Catalog of American Portraits, conduct biographical research on subjects and artists and verify and update catalog information for portraits in major public and private collections across the country; correspond with owners, obtain photos, and incorporate material into the CAP portrait archives and computer database, June 1, 1992 through July 24, 1992.

Amy Baynard, Bachelors Candidate, Mary Washington College. Library, assist in research and shelving of the books in the Library, June 1, 1992 through August 7, 1992.

Suzanne Bechamps, Bachelors Degree. Office of Publications, primarily assisted in the proofing and the production of the Rembrandt Peale catalogue, labels, and brochure, August 11, 1992 through September 3, 1992.

Andrea Begel, Bachelors Candidate, Davidson College. Catalog of American Portraits, conduct biographical research on subjects and artists and verify and update catalog information for portraits in major public and private collections across the country; correspond with owners, obtain photos, and incorporate material into the CAP portrait archives and computer database, June 1, 1992 through July 31, 1992.

Susann Borgeest, Bachelors Candidate, George Washington University. Design of a self-guide for high school students of American Indians in the National Portrait Gallery's permanent collection. Also designed a self-guide for families, assisted the Public Program Manager with designing public announcement and programs notes, September 1, 1992 through May 5, 1993.

Jennifer Cathey, Bachelors Candidate. Library, assist with inter-library loans; variety of library duties including vertical file maintenance and cataloguing, circulation actives, preservation of serials, June 8, 1992 through August 3, 1992.

Carleton Cole, Bachelors Candidate, Principia College. Office of Design and Production, preparation of graphics for two special exhibitions: "Hosokawa" and "The Spirit of Party";

produce film and paper positive for stencil preparation, and stencils for screening graphics on walls and panels, June 22, 1992 through September 4, 1992.

Anne Eigeman, Masters Candidate, George Washington University. Office of Education, develop school programs featuring the African-Americans within the gallery's collection, January 7, 1992 through April 23, 1992.

Suzanne Carole Farmer, Bachelors Degree. Assist with current & future exhibitions, especially with the Exhibitions History project, September 15, 1992 through December 18, 1992.

Andrea Ferretti, Bachelors Candidate, Smith College. Biographical research for exhibition on musicals, September 8, 1992 through December 18, 1992.

Christina Garamone, Bachelors Candidate, American University. Researching and verifying catalog data on portraits for the Catalog of American Portrait's national portrait database, including subject and artist biographical information, object descriptions, object descriptions, provenance, etc., September 17, 1992 through December 4, 1992.

Sarah Goldfrank, Bachelors Candidate, Smith College. Primary research in "New York World," looking for caricature in the teens, September 8, 1992 through December 18, 1992.

Molly Gritter, Bachelors Degree. Catalog of American Portraits, conduct biographical research on subjects and artists and verify and update catalog information for portraits in major public and private collections across the country; correspond with owners, obtain photos, and incorporate material into the CAP portrait archives and computer database, June 1, 1992 through July 31, 1992.

Mary Ann Hardy, Bachelors Candidate, Smith College. Historical research and editing for volume 4 of the Peale Family papers, September 8, 1992 through December 18, 1992.

Adrienne Haythe, Bachelors Candidate, Vassar College. Library, assist the librarians in classification, research, and general library activities, June 1, 1992 through August 5, 1992.

Rebecca Hejduk, Bachelors Candidate, State University of New York at Purchase. Library, research and cataloging, June 1, 1992 through August 1, 1992.

Ivan Kerbel, Bachelors Candidate, Yale University. History, OESE Intern '92: assist historian with ongoing research projects, using Gallery and DC Public Library and Library of Congress, July 13, 1992 through August 14, 1992.

Aimee Marcereau, Bachelors Degree. Department of Education, development of an educational kit for students; research and update information on the permanent collection, June 22, 1992 through August 25, 1992.

Marybeth McHugh, Bachelors Degree, Wellesley College. Adapt the National Portrait Gallery's education program for seventh through ninth grade so that they can be used in an innovative way with culturally disadvantaged students in the Washington metropolitan area, September 23, 1992 through December 11, 1992.

Claire Morris, Bachelors Candidate, Southern Methodist University. Catalog of American Portraits, catalogue, update information concerning American portraits; basic typing, basic computer data input, June 11, 1992 through August 8, 1992.

Bobette Nixon, Bachelors Candidate, Brigham Young University. Project includes organizing, researching and editing information concerning portraits in various collections across the country, and incorporating data into a national automated database and portrait archives, May 4, 1992 through August 8, 1992.

Elizabeth Norman, High School Graduate. Library, OESE Intern '92: assist the professional staff in standard library duties, sort materials selected for vertical files and eliminate backlog of materials already selected, July 13, 1992 through August 14, 1992.

Sabrina Pagini, Bachelors Candidate, Dartmouth College. Curatorial Department, research American watercolor portraits for possible exhibition, June 15, 1992 through August 31, 1992.

Anna Rhodes, Masters Candidate, University of Delaware. Office of Education, develop and implement a plan to increase adult group attendance at the museum, June 1, 1992 through August 28, 1992.

Tanya Saine, Bachelors Candidate, University of Puget Sound. Office of Public Affairs, assist the public affairs office with press, special events, and publicizing public programs, June 8, 1992 through July 17, 1992.

Dawn Schmitt, Bachelors Candidate, Pepperdine University. Office of Exhibits, perform research for upcoming exhibition "1846-Anniversary of the Smithsonian Institution, June 1, 1992 through July 20, 1992.

Emily Shapiro, Bachelors Candidate, Kenyon College. Education Department, Library, research, shelve books, arrange and catalog, June 1, 1992 through August 21, 1992.

Dominique Smith, High School Student, West Springfield High School. Office of Education, clerical work: major filing, xeroxing, answering telephone inquiries, generate letters, and design office logs, July 6, 1992 through September 7, 1992.

Jennifer Snow, Bachelors Degree. Catalog of American Portraits, organize, research, and edit information concerning portraits in various collections across the country, and incorporate data into a national automated database and portrait archives, June 8, 1992 through August 30, 1992.

Allison Sobke, Bachelors Candidate, Vassar College. Research and compile films geared to the multi-cultural experience that can be utilized by the National Portrait Gallery film series, and assist in the production and scheduling of *Culture in Motion* program, May 29, 1992 through August 21, 1992.

Rebecca Tomasini, Bachelors Candidate, Elms College. Office of Education, develop a model tour to use with high school students studying American Literature; choose appropriate portraits in the permanent collection and do necessary research; devise a system for audience development for this new program, June 15, 1992 through August 7, 1992.

Gail Tauber, Masters Candidate, City College of New York.

Office of Education, research, write, and design a hand-out on the Native American portraits in the National Portrait Gallery's collection, July 13, 1992 through August 26, 1992.

Martha Willoughby, Bachelors Degree. Department of History, research on American Paintings, December 2, 1991 through February 28, 1992.

Office of Exhibits Central

Eric Mialhe, Doctorate. Model Shop, techniques of museum exhibition for subsequent applications in the French Institute of Research for Exploitation of the Sea, January 21, 1992 through October 30, 1992.

Niloufer Moomhala, Bachelors Candidate, Mt. Holyoke College. Graphics, drafting of exhibitions, layouts, photography, graphic production, June 8, 1992 through August 8, 1992.

Alan Vance, Bachelors Degree. Department of Exhibits, learning graphic production techniques as well as model making, March 2, 1992 through May 3, 1992.

Geffrey Vitale, High School Graduate. Fabrication, OESE Intern '92: assist in tasks required for preparing exhibits and for transporting them; extensive exposure to central exhibits productions shop, June 8, 1992 through July 10, 1992.

Office of Institutional Studies

Dagney Glover, Masters Degree. Institutional Studies, will work with the staff on a range of studies especially those involving audience studies in the planning and interpretive strategies developed for exhibitions, August 24, 1992 through June 30, 1993.

Chad Groom, Bachelors Degree. Office of Institutional Studies, interpret results of Comparative Zoo Studies, June 1, 1992 through August 7, 1992.

Office of Museum Programs

Tom Colligan, Bachelors Candidate, George Mason University. Internship Programs, coordinate and implement the annual Museum Careers Program, May 26, 1992 through July 14, 1992.

Maria Mieri, Masters Candidate. Identify and make available academic theses in English, both masters and PhD levels, investigate museological issues, June 16, 1992 through August 31, 1992.

Smithsonian Institution Traveling Exhibition Service

- Ann Caspari, Masters Candidate, George Washington University. Develop educational materials for a workshop accompanying the exhibit "Strength and Diversity: Japanese American Women", January 13, 1992 through April 23, 1992.
- Carla Padro, Masters Candidate, George Washington University. Research low tech interactive hands-on material to be applied to the exhibit "Try This On", January 14, 1992 through May 8, 1992.
- Melissa Stegman, Bachelors Degree. Research and office assistance, December 1, 1991 through June 1, 1992.

Education and Public Services

Center for Folklife Programs and Cultural Studies

- Tanja Bos, Bachelors Candidate, Corcoran School of Art. Design, assist the designer, May 25, 1992 through June 10, 1992.
- Joseph Covell, Bachelors Candidate, Gallaudet University. Archives, assist in photographing the Festival of American Folklife and archiving the photographs, June 8, 1992 through August 7, 1992.
- Liesl Dees, Masters Candidate, George Washington University. Assist on "Workers at the White House" section for the 1992 Festival of American Folklife, through research and exhibit preparation, January 21, 1992 through May 8, 1992.
- Deena Gift, Bachelors Degree. Assist in coordinating the Maroon Program for the annual Festival of American Folklife, May 19, 1992 through August 31, 1992.
- Heidi Gjerset, Masters Candidate, George Washington University. Maroon Program, assist in preparation for fieldwork review and other projects related to the production of the Maroon Program as part of the 1992 Festival of American Folklife, January 28, 1992 through May 8, 1992.
- Lisa Glass, Bachelors Candidate, Washington University. Accessibility and Maroon Program for the Festival of American Folklife, May 26, 1992 through July 31, 1992.
- Amy Hansen, Bachelors Degree. Apprentice to the graphic artist of the Center for International Study and Folklife Programs, October 11, 1991 through March 30, 1992.
- Sherri Hinson, Bachelors Candidate, Longwood College. Design, prepare work for the 1992 Festival of American Folklife and research a topic for an Art History Lecture at Longwood College in the spring of 1992, December 16, 1991 through January 10, 1992.

- Gretchen Hunter, Bachelors Candidate, William Smith College. Assist in preparation for the Festival of American Folklife, June 10, 1992 through August 25, 1992.
- Russell Jones, Bachelors Candidate, Oberlin College. Assist with the children activities center for the Festival of American Folklife, May 27, 1992 through August 31, 1992.
- Gina L'Acqua, Masters Candidate, New Mexico State University. supply coordinator and music stage coordinator for the Festival of American Folklife, June 1, 1992 through July 6, 1992.
- Sarah Marx, Bachelors Degree. Working on educational kit for the festival of American Folklife; Native American Educational Kit, September 2, 1992 through November 15, 1992.
- Jennifer Page, Bachelors Candidate, College of William and Mary. Native American educational materials and work on cross cultural programs during the Festival of American Folklife, May 20, 1992 through August 14, 1992.
- Susan Paradise, Bachelors Candidate, Skidmore College. Project assistant for the New Mexico Program of the Festival of American Folklife, May 19, 1992 through August 28, 1992.
- Mahnaz Pater-Roy, High School Graduate. Accessibility, help prepare and monitor services that will make the Festival of American Folklife more accessible to people with disabilities, June 8, 1992 through July 10, 1992.
- Jane Umlauf, Bachelors Degree. Design, help design signs and mount photos, any other task to develop paste-ups for the Festival of American Folklife, June 2, 1992 through July 9, 1992.
- Rachel Watkins, Bachelors Candidate, Howard University. Work and research for the Festival of American Folklife on the Maroon culture in the Americas, June 10, 1992 through August 14, 1992.

Office of Elementary and Secondary Education

- Irvin Jefferson, Visiting Professional. Review summer seminar programs for teachers and suggest ways the DC Public Schools can be more incorporated into the program; locate K-12 curriculum from the school district to be stored in OESE as a reference source for SI instructors, July 6, 1992 through August 14, 1992.

Wider Audience Development Program

- Brian Armstrong, Bachelors Degree. Assist with coordination of Heritage Month's activities and work on advocacy issues, June 23, 1992 through August 20, 1992.

External Affairs

Office of the Assistant Secretary for External Affairs

Bronson Griscom, Bachelors Degree, Brown University. Assistant to Ryan Dwight under Dr. Thomas Lovejoy; will be maintaining Dr. Lovejoy's research files and library, will organize information packets for distribution to various inquiries and draft letters of reply to inquiries, September 30, 1992 through December 11, 1992.

Melody Kao, Bachelors Candidate, Wellesley College. Review and update the subject file of Assistant Secretary Lovejoy's environmental files, categorize his research library and enter into a computer, photocopy and file articles, draft responses to letters of inquiry and assemble appropriate enclosures, June 10, 1992 through August 18, 1992.

Office of Conference Services

Amy Lynn Straley, Bachelors Degree, Trinity College. Will be exposed to various aspects of international and national conference planning and administration, including actual meeting planning, site set-ups, registration and accounting, as well as, to federal and Smithsonian procedures related to the above.

Office of International Relations

Ari Barkan. Organization and maintenance of computer network, June 15, 1992 through September 24, 1992.

Lucille Chaveas, Masters Candidate, George Washington University. Study project, background paper on Museums in Africa, with potential colloquium topics on current issues confronting museums in Africa, May 4, 1992 through June 19, 1992.

James Comiskey, Bachelors Candidate. Bio Diversity, work on data analysis of information gathered from SI/MAB research plot in the Manu Biosphere Reserve of Peru; help put together two user's and four field guides to the biodiversity permanent plots in Manu, Peru, January 16, 1992 through April 17, 1992.

Felicity Devlin, Bachelors Degree. Man and the Biosphere Project, help conduct research on status of biodiversity in Latin American forests for presentation at conference in Berlin, September, 1992, June 1, 1992 through August 31, 1992.

Amy Graves, Bachelors Candidate, Georgetown University. Provide program assistance for the Bosque Tropicales Exhibition and research assistance on the Museum Services Project, January 4, 1992 through May 10, 1992.

Carol Gordenstein, Masters Candidate, George Washington University. Program development and evaluation; provide logistics and program development support for Nuestros Bosques Nuestra Herencia tropical rainforest exhibit, May 11, 1992 through July 10, 1992.

Meighan Henderson, Bachelors Candidate, DePauw University. Man and the Biosphere, work on entering data from SI/MAB biodiversity plots into a database system; compile spreadsheets and information for SI/MAB User's and Field Guides; other duties as needed, June 1, 1992 through August 15, 1992.

Lisa Horth, Masters Candidate, University of Maryland. Man and the Biosphere, work on data analysis of information gathered from the SI/MAB research plot in the Manu Biosphere Reserve of Peru and to help put together Users and Field Guides to the permanent biodiversity plots in Manu, Peru, June 1, 1992 through June 30, 1992.

Kathleen Sams, Bachelors Candidate, Emory University. Man and the Biosphere, work on data analysis of information gathered from the SI/MAB research plot in the Manu Biosphere Reserve of Peru and to help put together Users and Field Guides to the permanent biodiversity plots in Manu, Peru, June 1, 1992 through June 28, 1992.

Preston Tulay, Bachelors Candidate, Howard University. Develop documentation for the computer systems, December 9, 1991 through February 1, 1992.

Smithsonian Institution Press

Rachel Badger, Bachelors Candidate. University Press/Marketing, issue press releases, compile review lists for recent book projects and trade publications; assist in marketing with publicity, advertising, seasonal catalogs, sales, and other promotions, June 15, 1992 through July 31, 1992.

Molly Hiro, Bachelors Candidate, Georgetown University. Marketing/University Press Division, assisted with all phases of publicity for scholarly books, June 1, 1992 through July 24, 1992.

Amanda Lowthian, Bachelors Degree, Wesleyan University. University Press/Marketing, issue press releases, compile review lists for recent book projects and trade publications; assist in marketing with publicity, advertising, season catalogs, sales, and other promotions, September 14, 1992 through December 4, 1992.

Kate Maloney, Bachelors Candidate, Harvard University. Smithsonian Books Division, assist with research for Smithsonian Books including layout, promotion, and marketing, June 15, 1992 through August 14, 1992.

Anna Vadskjaer, Masters Candidate, University of Aarhus. Smithsonian Books, research and experience in text selection, lay-out, promotion, and marketing; use her Scandinavian and French language skills to research objects from foreign museums for the book project *Ancient Worlds*, January 14, 1992 through February 29, 1992.

Smithsonian Resident Associates Program

Christopher Bennett, Bachelors Candidate, Randolph-Macon College. Discovery Theatre, production assistant, January 6, 1992 through January 31, 1992.

Gina Canzona, Bachelors Candidate, University of Illinois. Public Affairs, help facilitate promotion of RAP events and keep track of Smithsonian press through archiving; help of office in any way necessary, January 27, 1992 through May 8, 1992.

Alexandra Casserley, High School Student, Foxcroft School. Resident Associate Program, liaison for Smithsonian Kite Festival, research information for Summer Camp, liaison for science with a scientist, research potential films and tours, index associate for instructors according to specific disciplines, March 9, 1992 through March 27, 1992.

Dupre Cecile, Bachelors Candidate, Kalamazoo College. Public Affairs, participate in the daily activities of the office, June 22, 1992 through September 25, 1992.

Merritt Colaizzi, Bachelors Degree. Lectures/Seminars/Films, all aspects of museum event production, June 29, 1992 through July 24, 1992.

Clemence Delannoy, Bachelors Candidate, McGill University. Studio Arts, write intern instruction notebook, dbase management, office filing and procedures, art supply and logistic management, May 29, 1992 through June 26, 1992.

Anne England, Bachelors Candidate, University of Kentucky. Young Associates Program, June 1, 1992 through August 14, 1992.

Susan Foreman, Bachelors Candidate, Clark University. Public Affairs, assist director of Public Affairs, January 27, 1992 through May 28, 1992.

Kristen Frame, Masters Candidate, American University. Liaison with office for Family Halloween Party, film program research; other duties as assigned, September 14, 1992 through December 18, 1992.

Julie Hart, Bachelors Candidate, Mary Washington College. Public Affairs, archiving; preparation of publicity and information for RAP events for the media and the public, January 21, 1992 through April 21, 1992.

Kirstin Heasley, Bachelors Candidate, College of William & Mary. Will be assisting Joanne Gigliotti with scheduling, registration, and office duties, and coordinating Brown Bag Lunch program for the Office of Museum Programs, September 14, 1992 through December 24, 1992.

Maretta Hemsley, Masters Candidate, American University. African-American Studio, programs development, June 8, 1992 through June 8, 1993.

Vicki Hill-Borer, Masters Degree. Young Associates Program, liaison for science and math projects; liaison for Youth Teachers Assistants; other duties as assigned, February 11, 1992 through June 1, 1992.

Jennifer Kyuig, Bachelors Candidate, Grinnell College. Studio Arts, intern booklet, office management, database management, June 1, 1992 through August 14, 1992.

Davida Marks, High School Student, Elizabeth Seton High School. Young Associates, liaison with summer camp, June 30, 1992 through August 31, 1992.

Julie Mueller, Bachelors Candidate, Iowa State University. Public Affairs, assist the office in dissemination of information to the media, June 8, 1992 through August 28, 1992.

Lynne Neely, High School Student, Linworth Alternative High School. Young Associate Program, will be assisting Roslyn Beitler working with continuing education programs. April 6, 1992 through May 29, 1992.

Angela Odom, Bachelors Degree. Discovery Theatre, assist the director with educational materials, October 21, 1991 through February 1, 1992.

Bethany Ragsdale, High School Student, Harpeth Hall. Young Associates Program, liaison for the Smithsonian Kite Festival, research information for summer camp, index associate for instructors according to science or art, research potential films and tours, January 6, 1992 through February 24, 1992.

TaKeisha Roach, High School Graduate. Discovery Theatre, OESE Intern '92: assist the director in preparing for the 92-93 season; research, gather, and evaluate performing arts education materials, July 13, 1992 through August 14, 1992.

Paul Roy, Bachelors Candidate, Bates College. Studio Arts, discover graphics; video project, July 6, 1992 through August 27, 1992.

Aaron Weintraub, High School Student, Winston Churchill High School. Young Associates, liaison with summer camp, July 1, 1992 through August 14, 1992.

Smithsonian National Associates Program

James Dyson, Jr., Associates Degree, Northern Virginia Community College. Analyzing SNAP department operation, September 8, 1992 through September 29, 1992.

Julie LaBarba, Bachelors Candidate, Vanderbilt University. Edit copy for tour brochures, update history books, confirm arrangements for domestic tours, and analyze tour statistics for future marketing, June 8, 1992 through July 29, 1992.

Samira Lahman, Associates Candidate, Northern Virginia Community College. Assemble briefing notebook for staff representatives, updating history books for foreign and

domestic study tours, making phone reservations and confirmations of arrangements for domestic tours, analyzing tour statistics for future marketing, April 23, 1992 through May 29, 1992.

Frankie Laino, High School Graduate. Assist in the planning of the Domestic Study Tours and Research Expeditions, June 29, 1992 through July 29, 1992.

Amanda Lowthian, Bachelors Degree. Assistant to department of Marketing/Publicity for the SI Press, University Press Division, September 14, 1992 through December 4, 1992.

Julie Oh, Bachelors Candidate, Duke University. Young Benefactors, public relations support, research projects, assist with preparations for the Young Benefactors Gala, May 26, 1992 through August 21, 1992.

Sarah Schriber, Bachelors Candidate, Smith College. Project involves creating a seminar involving capitol area writers (fiction, non-fiction, poetry) and their works, September 8, 1992 through December 8, 1992.

Institutional Initiatives

Office of Development

William Acha-Funge, Masters Candidate, Marymount University. Kenya Project, fund-raising for the project through the conduction of research on Kenyan politics, corporate culture, socio-economic base, May 11, 1992 through July 31, 1993.

Jonathan Alvear, Bachelors Candidate, Pomona College. Pacific Rim Program to find prospective donors, May 27, 1992 through August 26, 1992.

Sara Beam, Bachelors Candidate, Georgetown University. Pacific Rim research, January 31, 1992 through May 31, 1992.

Margaret Buraimoh, Bachelors Candidate, Howard University. Kenya Project, conduct research at area libraries, interview staff members and develop prospect list for potential funders, May 11, 1992 through June 30, 1993.

Hui-Ching Chang, Masters Candidate, George Washington University. Assistant Intern coordinator and arrange seminars and study tours for the National Associate Program, May 18, 1992 through July 30, 1992.

Christine Dauenhauer, Bachelors Candidate, Syracuse University. Produce a newsletter for the museums for fundraising purposes, June 1, 1992 through September 1, 1992.

Christina Gajda, Bachelors Candidate, American University. Conduct research on corporations, foundations, and individuals in Kenya; making files and organizing materials to develop list for potential funders; develop a questionnaire and interview staff members on their trips to Kenya, January 17, 1992 through August 20, 1992.

Brooke Garrigan, Bachelors Candidate, Wheaton College. Assistant Intern Coordinator, September 9, 1992 through December 31, 1992.

Michael Gebremedhin, Bachelors Degree, Ohio University. Conduct research for the MPALA Ranch Project—STRI research center, October 22, 1991 through March 31, 1992.

Michele Giovannini, Masters Candidate, University of Maryland. Newsletter, assist with the Development Newsletter, January 17, 1992 through July 1, 1992.

Stephen Griesemer, Bachelors Candidate, Yale University. Research companies for the corporate team, June 16, 1992 through August 31, 1992.

Joni Henderson, Masters Candidate, Drexel University. Services to Nation, January 13, 1992 through May 1, 1992.

Carolyn Hoecker, Bachelors Candidate, Princeton University. Work on fundraising for Geology, Gems, & Minerals Hall in NMNH, July 8, 1992 through August 31, 1992.

Hiromi Isobe, Bachelors Candidate, George Washington University. Pacific Rim Project, fundraising and research, May 18, 1992 through October 1, 1992.

Yuki Kaneko, Masters Degree, George Washington University. Pacific Rim Program, May 13, 1992 through January 31, 1993.

Alexander King, Bachelors Candidate, Brown University. Individual donors, June 1, 1992 through September 21, 1992.

Lesley Kurtz, Bachelors Candidate, George Washington University. Golden Threads, conduct research on Circa 1492 and Saphardic Jewish Expulsion, January 14, 1992 through May 31, 1992.

Karen Lehnert, Bachelors Candidate, University of Maryland, Baltimore Campus. Library, assist with the development library—computer and public service, January 22, 1992 through April 30, 1992.

Stephen Ma, Bachelors Candidate, Georgetown University. Intern database coordinator, May 18, 1992 through October 1, 1992.

Yoko Matsunaga, Bachelors Degree. Pacific Rim Project, August 11, 1992 through September 30, 1992.

Lovell McClung, Bachelors Candidate, Converse College. Constituencies intern, June 1, 1992 through September 1, 1992.

Don Perna, Masters Candidate, Duquesne University. Database coordinator, January 1, 1992 through May 30, 1992.

Heather Pinckney, High School Student, Eastern High School. Filing, xeroxing, answering phones, and help where needed, June 30, 1992 through July 30, 1992.

Julie Rockwell, Bachelors Candidate, Northwestern University. Research on Corporations and foundations, June 15, 1992 through August 14, 1992.

Simone Rollings, Bachelors Candidate, University of Virginia. Research on corporations and foundations, May 18, 1992 through October 1, 1992.

Jenae Roscoe, Masters Candidate, Howard University. Kenya Project, September 8, 1992 through July 1, 1993.

Laurel Vogelsang, Masters Degree, University of Maryland. Kenya Project, January 2, 1992 through April 30, 1992.

Angela Wallace, Bachelors Degree. Library Intern, June 8, 1992 through August 1, 1992.

Ivan Watson, Bachelors Degree. Corporate Relations, European research specialist: corporations and foundations, August 17, 1992 through December 31, 1992.

Ellen Wilson, Masters Degree, University of Cincinnati. MPALA project in OD, working with potential individual and corporate dbase, January 6, 1992 through July 30, 1992.

Mark R. Hardin, PhD Candidate, University of Maryland. To develop an Integrated Pest Management Program for the SI grounds. This will integrate economically feasible and environmentally compatible management techniques to reduce pest populations to tolerable levels. April 4, 1992 through September 30, 1992.

Max Kronenbitter. Worked on the installation and landscaping of the Chinese Lantern which was recently moved from the front of the Freer Gallery to the east side of the building, along the walkway on that side; prepared the planting plan for the area, helped select the materials for the project and helped install the plants to complete the design, August 3, 1992 through September 9, 1992.

Dara Seybold, High School Graduate. Plant Services, OESE Intern '92: maintain turf and flower bed areas; work in the greenhouse, July 13, 1992 through August 14, 1992.

Finance and Administration

Business Management Office

Alison Cox, Bachelors Candidate, Howard University. SI Museum Shops, assist in the design, fabrication, and installation of shop displays, merchandise promotions, and information panels and exhibits in Museum Shops, February 12, 1992 through April 24, 1992.

Office of Architectural History and Historic Preservation

Jennifer Frehling, Bachelors Degree. Thomas Ustick Walter's Contributions in the Design of the General Post Office Building, January 21, 1992 through July 15, 1992.

Barre Klapper, Masters Candidate, University of Texas at Austin. Architectural Changes to the Original Fabric of the National Museum of Natural History from its opening in 1911 to present, July 6, 1992 through August 15, 1992.

Robert Orr V, Bachelors Candidate, Yale University. The Carmichael Years at the Smithsonian Institution: Emergence of a Modern Architecture, June 15, 1992 through August 28, 1992.

Office of Plant Services

Erika Buck, Bachelors Candidate, Connecticut College. Greenhouse Nursery Branch, general greenhouse maintenance, including assisting with propagation of tropical and other plants for museum gardens and special events, June 1, 1992 through July 31, 1992.

Office of Human Resources

Monique Hider, High School Student, Eastern High School. Benefits, filing, dealing with computers; assist staff with confidential work; participate in computer training, June 29, 1992 through August 30, 1992.

Office of Printing and Photographic Services

Pamela Adams, Associates Candidate, Randolph Community College. To work in the area of Photojournalism and documentary photography of the Washington area, to assist with studio photography and research archival processing, September 16, 1992 through November 20, 1992.

Martina Aller, Masters Candidate, Corcoran School of Art. Assisting photographer on assignments and photographing staff, collections, and events, September 14, 1992 through December 21, 1992.

James Coggins, Bachelors Candidate, Randolph Community College. Photographic Services, custom black & white printing; color processing; reproduction of photographs from various sources, June 15, 1992 through August 25, 1992.

Antonino Colomba, High School Graduate. Photographic Services, OESE Intern '92: photograph OESE programs for teachers and document other interns at their various sites, June 18, 1992 through July 10, 1992.

Andre Greene, High School Graduate. Duplicating, work with on-going photocopy and duplicating in producing brochures, reports, and articles for SI; computer work with mailings, June 29, 1992 through August 30, 1992.

Eric Hood, Bachelors Candidate, Randolph Community College. Assist with all phases of photographic services, October 7, 1991 through November 15, 1991.

Susan Kontor, Masters Candidate, American University. Tamer Collection, catalog, organize George Tames Photo Collection, June 2, 1992 through August 28, 1992.

Kevin Kornemann, High School Graduate. Photographic Services, OESE Intern '92: photography OESE's interns at work sites, July 13, 1992 through August 14, 1992.

Margaret McCulloch, Bachelors Candidate, University of Pennsylvania. Assist with photography projects, May 26, 1992 through August 28, 1992.

William Showalter, Bachelors Candidate, Randolph Community College. Assist with all phases of photographic services, October 4, 1991 through November 15, 1991.

David Vickery, Bachelors Candidate, Randolph Community College. Photographic Services, custom black & white printing; color processing; reproduction of photographs from various sources, June 15, 1992 through August 25, 1992.

Office of Sponsored Projects

Roberta Buchanan, Masters Candidate, University of Maryland, College Park. Develop a handbook for principle investigators; develop a brochure and database, June 3, 1992 through August 14, 1992.

Augustus Jones, Associate Candidate, Prince Georges Community College. Financial Administration, assist financial analysts in their Post-Award Administration, June 10, 1992 through August 14, 1992.

Smithsonian Early Enrichment Center

Katherine Porter, High School Graduate. OESE Intern '92: Assist in researching and coordinating developmentally appropriate museum-based activities for children, July 13, 1992 through August 14, 1992.

Research Associates

Research Associate status is conferred by the Secretary on individuals from outside the Institution who are conducting ongoing research in areas in which the Smithsonian has collections or expertise. Research Associates are granted access to the Institution's facilities and reference resources and often consult or collaborate with Smithsonian researchers. Most appointments of Research Associates are for a duration of three years and are renewable. The following list includes all who were Research Associates during the fiscal year.

Arthur M. Sackler Gallery of Art

Mrs. Elizabeth Fitzhugh

Conservation Analytical Laboratory

Dr. Veletta Canouts
Dr. Rita P. Wright

National Museum of American Art

Dr. Wanda M. Corn
Dr. Charles C. Eldredge

National Museum of African Art

Dr. Labelle Prussin

National Museum of Natural History

Anthropology

Dr. William P. Barse
Dr. David Begun
Dr. Michael L. Blakey
Dr. Alison S. Brooks
Dr. Ernest S. Burch, Jr.
Dr. Anita G. Cook
Dr. Jean-Paul Dumont
Dr. Robert M. Ehrenreich
Dr. John W. Fisher
Dr. Catherine S. Fowler
Dr. Don Fowler
Dr. George C. Frison
Dr. John M. Fritz
Dr. Bruno Frohlich
Dr. James Lowell Gibbs, Jr.
Dr. James B. Griffin
Dr. Richard T. Koritzer, D.D.S.
Dr. Corinne Ann Kratz
Dr. Betty J. Meggers
Dr. Christopher Nagle
Dr. Michael D. Petraglia
Dr. Stephen R. Potter
Dr. Bruce D. Ragsdale
Dr. Mara E. Rosenthal
Dr. Paul Stoller
Dr. John W. Verano
Dr. Alan C. Walker
Mrs. Mildred Mott Wedel
Dr. John E. Yellen

Botany

Dr. Jose Cuatrecasas
Mr. Joseph H. Kirkbride, Jr.

Dr. Diane S. Littler
Dr. John J. Pipoly, III
Dr. Velva E. Rudd
Dr. William Louis Stern

Entomology

Dr. Annette Aiello
Dr. William E. Bickley
Dr. Harley P. Brown
Dr. Margaret S. Collins
Dr. Eduardo Dominguez
Dr. Lance Durden
Dr. Robert L. Edwards
Dr. Neal L. Evenhuis
Dr. Amnon Freidberg
Dr. Timothy P. Friedlander
Dr. Ralph E. Harbach
Dr. Bruce A. Harrison
Dr. Yiau-Min Huang
Dr. Scott E. Miller
Dr. Paul A. Opler
Dr. Jacqueline Marie Palmer
Dr. Philip D. Perkins
Dr. Dan A. Polhemus
Dr. John T. Polhemus
Dr. Patricia Gentili Poole
Dr. John F. Reinert
Dr. Silvia Santiago-Fragoso
Dr. Jay C. Schaffer
Mr. Theodore J. Spilman
Prof. Katsuji Tsuneki
Dr. George B. Vogt
Dr. David P. Wooldridge
Dr. Frank N. Young

Invertebrate Zoology

Dr. Richard B. Aronson
Dr. Rudiger Bieler
Dr. John R. Holsinger
Dr. Silvard Kool
Dr. Richard T. O'Grady
Mr. Richard E. Petit
Dr. Donald C. Potts
Dr. Marjorie L. Reaka
Dr. Janet W. Reid
Dr. James D. Thomas
Dr. Michael Vecchione

Paleobiology

Dr. Raymond L. Bernor
Dr. Annalisa Berta
Dr. Robyn Burnham

Dr. Steven J. Culver
 Dr. John D. Damuth
 Dr. Daryl P. Domning
 Mr. J. Thomas Dutro, Jr.
 Dr. Ralph E. Eshelman
 Dr. Jerzy Fedorowski
 Dr. Thomas G. Gibson
 Dr. Robert W. Hook
 Dr. Carl F. Koch
 Dr. Paul L. Koch
 Dr. Sergius Mamay
 Dr. Jerry N. McDonald
 Dr. Robert B. Neuman
 Dr. William A. Oliver, Jr.
 Dr. John Pojeta, Jr.
 Dr. Kenneth D. Rose
 Dr. Bruce Runnegar
 Dr. William J. Sando
 Dr. David E. Schindel
 Dr. Judith Skog
 Dr. Anthony Socci
 Dr. Norman F. Sohl
 Dr. Hans-Dieter Sues
 Dr. Debra Ann Willard
 Dr. Christopher Wnuk
 Dr. Ellis L. Yochelson

Vertebrate Zoology

Dr. Ronald Altig
 Dr. Aaron M. Bauer
 Mr. Bruce M. Beehler
 Dr. Robert L. Brownell
 Dr. John E. Cadle
 Mr. Roger B. Clapp
 Dr. Kenneth Dodd
 Dr. Louise H. Emmons
 Mr. Carl H. Ernst
 Ms. Sara V. Fink
 Dr. William Fink
 Mr. Thomas H. Fritts
 Dr. Alfred L. Gardner
 Dr. J. Whitfield Gibbons
 Mrs. Catharine A. Hawks
 Dr. Lawrence R. Heaney
 Dr. Richard Highton
 Dr. Robert S. Hoffmann

Dr. Aleta Hohn
 Dr. Peter W. Houde
 Mr. Ivan Ineich
 Mr. Morton L. Isler
 Mrs. Phyllis R. Isler
 Ms. Roxie Laybourne
 Dr. Linda E. Resnik Maxson
 Mr. Roy W. McDiarmid
 Dr. D. Bruce Means
 Dr. Naercio Menezes
 Dr. Ronald I. Miller
 Mr. Joseph C. Mitchell
 Dr. Thomas A. Munroe
 Dr. Guy G. Musser
 Dr. Hidetoshi Ota
 Dr. William Perrin
 Mr. Gregory K. Pregill
 Dr. John E. Randall
 The Honorable S. Dillon Ripley, II
 Dr. Sentiel A. Rommel
 Dr. Michael Leonard Smith
 Dr. William F. Smith-Vaniz
 Dr. David L. Stein
 Mr. Ian R. Swingland
 Dr. Merrill Varn
 Mr. Richard J. Wassersug
 Dr. E.O. Wiley
 Dr. Don E. Wilson

National Zoological Park

Dr. Mary E. Allen
 Dr. Joel Berger
 Dr. Ademar Coimbra-Filho
 Dr. Carolyn M. Crockett
 Dr. Priya Davidar
 Dr. John F. Eisenberg
 Dr. John G. Frazier
 Dr. Karen L. Goodrowe
 Dr. Theodore I. Grand
 Dr. Susan M. Haig
 Dr. Sara J. Iverson
 Dr. William J. McShea
 Dr. Charles Menzel

Dr. Brian Miller
 Dr. Dale Miquelle
 Mr. Steven L. Monfort
 Dr. Stephen J. O'Brien
 Dr. William F. Rall
 Dr. Mitchel Schiewe
 Dr. George Schwede
 Dr. Michael Sturwe
 Dr. Melvin E. Sunquist
 Dr. Samuel K. Wasser

Office Interdisciplinary Studies

Dr. Wilton S. Dillon

Smithsonian Environmental Research Center

Dr. Richard Smucker

Smithsonian Institution Libraries

Mr. Silvio A. Bedini
 Miss Jean Chandler Smith

Smithsonian Tropical Research Institute

Dr. Peter Shaw Ashton
 Dr. Stephen P. Hubbell

Appendix 4

Publications of the Smithsonian Institution Press in Fiscal Year 1992

During fiscal year 1992, the Smithsonian Institution Press released more than 150 publications, including trade books, exhibition catalogs, monographs, museum guides, brochures, pamphlets, videos, and sound recordings, the most important of which are listed below.

University Press

- Arbon, Lee, *They Also Flew: The Enlisted Pilot Legacy, 1912-1942*. March 1992.
- Baron, Robert, and Nicholas R. Spitzer, *Public Folklore*. September 1992.
- Bachmann, Constanze, ed., *Conservation Concerns: A Guide for Collectors and Curators*. Copublished with the Cooper-Hewitt National Museum of Design. April 1992.
- Bateson, Mary Catherine, *Our Own Metaphor: A Personal Account of a Conference on the Effects of Conscious Purpose on Human Adaptation*. New edition. October 1991.
- Beissinger, Steven R., and Noel F. R. Snyder, *New World Parrots in Crisis: Solutions from Conservation Biology*. January 1992.
- Belcher, Michael, *Exhibitions in Museums*. A copublication with Leicester University Press. April 1992.
- Boime, Albert, *The Magisterial Gaze: Manifest Destiny and American Landscape Painting (ca. 1830-1865)*. December 1991.
- Bredhoff, Stacey, *DRAW! Political Cartoons from the Left*. Distributed for the National Archives. December 1991.
- Burger, Barbara Lewis, *Guide to the Holdings of the Still Picture Branch of the National Archives*. Distributed for the National Archives. December 1991.
- Brooks, Peter, *Zeppelin: Rigid Airships, 1893-1940*. Copublished with Conway Maritime Press, London. July 1992.

- Butler, Linda, *Rural Japan: Radiance of the Ordinary*. February 1992.
- Carlebach, Michael L., *The Origins of Photojournalism in America*. August 1992.
- Chalou, George C., ed., *The Secrets War: The Office of Strategic Services in World War II*. Distributed for the National Archives. July 1992.
- Cowan, C. Wesley, and Patty Jo Watson, eds., *The Origins of Agriculture: An International Perspective*. August 1992.
- D'Altroy, Terence N., *Provincial Power in the Inka Empire*. August 1992.
- Eisler, Colin, *Dürer's Animals*. October 1991.
- Ellanna, Linda J., and Andrew Balluta, *Nuvendalton Qub's'ana: The People of Nondalton*. Copublished with the National Park Service. July 1992.
- Ernst, Carl H., *Venomous Reptiles of North America*. July 1992.
- Ferguson, Leland, *Uncommon Ground: Archaeology and Colonial African America*. December 1991.
- Fletcher, Valerie, *Crosscurrents of Modernism: Four Latin American Pioneers*. Copublished with the Hirshhorn Museum and Sculpture Garden. August 1992.
- Fowles, Jib, *Starstruck: Celebrity Performers and the American Public*. February 1992.
- Fozard, John W., ed., *Sydney Camm and the Hurricane: Perspectives on the Master Fighter Designer and His Finest Achievement*. Copublished with Airlife Publishing, Shrewsbury, England. October 1991.
- Friedlander, Lee, Maria: *Photographs by Lee Friedlander*. September 1992.
- Gorn, Michael H., *The Universal Man: Theodore von Kármán's Life in Aeronautics*. July 1992.
- Griehl, Manfred, *Dornier DO 217-317-417*. Copublished with Airlife Publishing, Shrewsbury, England. September 1992.
- Hagan, John M., III, and David W. Johnston, eds., *Ecology and Conservation of Neotropical Migrant Landbirds*. July 1992.
- Hall, Robert L., *Gathered Visions: Selected Works by African American Women Artists*. Copublished with the Anacostia Museum. August 1992.
- Hallion, Richard P., *Storm over Iraq: Air Power and the Gulf War*. September 1992.
- Handley, Charles O., Jr., Don E. Wilson, and Alfred L. Gardner, eds., *Demography and Natural History of the Common Fruit Bat: Artibeus jamaicensis on Barro Colorado Island, Panama*. Originally published as Smithsonian Contributions to Zoology, Number 511. July 1992.
- Hirano, Kyoko, *Mr. Smith Goes to Tokyo: Japanese Cinema under the American Occupation*. September 1992.
- Holliday, Vance T., *Soils in Archaeology: Landscape Evolution and Human Occupation*. February 1992.
- Howard, A. E. Dick, ed., *The United States Constitution: Roots, Rights, and Responsibilities*. May 1992.
- Jenshel, Len, *Travels in the American West: Photographs by Len Jenshel*. June 1992.
- Johnsgard, Paul A., *Crane Music: A Natural History of American Cranes*. October 1991.

Karp, Ivan, Christine Mullen Kreamer, and Steven D. Lavine, eds., *Museums and Communities: The Politics of Public Culture*. May 1992.

Kennedy, Jean, *New Currents, Ancient Rivers: Contemporary African Artists in a Generation of Change*. July 1992.

Kinsey, Joni Louise, *Thomas Moran and the Surveying of the American West*. June 1992.

Kotler, Neil G., ed., *Frontiers of Nutrition and Food Security in Asia, Africa, and Latin America*. July 1992.

Leibovitz, Annie, *Dancers: Photographs by Annie Leibovitz*. September 1992.

Lowden, John L., *Silent Wings at War: Combat Gliders in World War II*. March 1992.

Lubarsky, Jared, *Noble Heritage: Five Centuries of Portraits from the Hosokawa Family*. Copublished with the National Portrait Gallery. August 1992.

McDowell, Nancy, *The Mundugumor: From the Field Notes of Margaret Mead and Reo Fortune*. October 1991.

McFarland, Stephen L., and Wesley Phillips Newton, *To Command the Sky: The Battle for Air Superiority over Germany, 1942-1944*. October 1991.

Melder, Keith, *Hail to the Candidate: Presidential Campaigns from Banners to Broadcasts*. April 1992.

Meltzer, David J., and Robert C. Dunnell, eds., *William Henry Holmes and the Origins of American Archaeology*. August 1992.

Merrill, Linda, *A Pot of Paint: Aesthetics on Trial in Whistler v. Ruskin*. February 1992.

Miller, Jacqueline Y., *The Common Names of North American Butterflies*. March 1992.

Murray, Colin, *Black Mountain: Land, Class, and Power in the Eastern Orange Free State, 1880s to 1980s*. Copublished with Edinburgh University Press. August 1992.

Oddy, Andrew, ed., *The Art of the Conservator*. Copublished with the British Museum. June 1992.

Olson, Lester C., *Emblems of American Community in the Revolutionary Era: A Study in Rhetorical Iconology*. October 1991.

Ordway, Frederick I., III, and Randy Lieberman, *Blueprint for Space: From Science Fiction to Science Fact*. January 1992.

Pearce, Susan M., ed., *Museum Studies in Material Culture*. Copublished with Leicester University Press. January 1992.

Peden, Margaret Sayers, and Carole Patterson, *Out of the Volcano: Portraits of Contemporary Mexican Artists*. November 1991.

Perlman, Barbara H., *Allan Houser (Ha-o-zous)*. New edition. Distributed for the Gallery Wall. April 1992.

Porter, Lewis, ed., *A Lester Young Reader*. October 1991.

Porter, Susan L., *With an Air Debonair: Musical Theater in America, 1785-1815*. October 1991.

Protopappas, John J., and Alvin R. McNeal, *Washington on Foot: 23 Walking Tours of Washington, D.C., and Old Town Alexandria*. Fourth edition, revised. February 1992.

Raymond, Jack, *Show Music on Record: The First Hundred Years*. Revised edition. April 1992.

Rotenberg, Robert, *Time and Order in Metropolitan Vienna: A Seizure of Schedules*. July 1992.

Rothenberg, Marc, ed., *The Papers of Joseph Henry, Volume 6*. June 1992.

Sandler, Stanley, *Segregated Skies: All-Black Combat Squadrons of World War II*. April 1992.

Schwartz, Dona, *Waucoma Twilight: Generations of the Farm*. September 1992.

Seitz, William C., edited by Marla Price, *Art in the Age of Aquarius, 1955-1970*. September 1992.

Shamley, Sarah L., *Television Interviews, 1951-1955: A Catalog of Longines Chronoscope Interviews in the National Archives*. Distributed for the National Archives. December 1991.

Smith, Bruce D., *Rivers of Change: Essays on Early Agriculture in Eastern North America*. August 1992.

Swann, Brian, ed., *On the Translation of Native American Literature*. April 1992.

Taylor, Christopher C., *Milk, Honey, and Money: Changing Concepts in Rwandan Healing*. June 1992.

Thompson, Milton O., *At the Edge of Space: The X-15 Flight Program*. March 1992.

Vaché, Warren W., Sr., *Crazy Fingers: Claude Hopkins' Life In Jazz*. May 1992.

Walthall, John A., and Thomas E. Emerson, eds., *Calumet and Fleur-de-Lys: Archaeology of Indian and French Contact in the Midcontinent*. August 1992.

Weber, Bruce, *Hotel Room with a View: Photographs by Bruce Weber*. June 1992.

Wells, Dicky, as told to Stanley Dance, *The Night People: The Jazz Life of Dicky Wells*. Revised edition. October 1991.

Werbner, Richard, *Tears of the Dead: The Social Biography of an African Family*. Copublished with Edinburgh University Press. June 1992.

Wolbarst, Anthony B., *Environment in Peril*. January 1992.

Smithsonian Institution Books

Ethell, Jeffrey L., *Frontiers of Flight*. September 1992.

Olmert, Michael, *The Smithsonian Book of Books*. August 1992.

Washington, D.C.: *A Smithsonian Book of the Nation's Capital*. August 1992.

Book Development Division

Hegner, Barbara Embury, *Blue Planet*, based on the film of the same name. September 1992.

Smithsonian Recordings

From This Moment On: The Songs of Cole Porter, centennial tribute presenting eighty-four songs; four-compact disc or four-cassette boxed set, with sixty-page illustrated biography and annotation by Dwight Bowers; RD 047. April 1992.

The Music of Jelly Roll Morton, volume 2: Chicago: The Red Hot Peppers, nineteen compositions for New Orleans-style jazz band, single compact disc, RD 044. November 1991.

The Music of Jelly Roll Morton, volume 3: New York, Washington, and the Rediscovery, seventeen selections revealing Morton's reaction to changing musical trends in the late 1920s and early 1930s, single compact disc, RC 045. November 1991.

Songbook Series

A multivolume series of recordings celebrating America's favorite songwriters. Each compact disk and cassette includes notes on the selections and a biographical sketch of the composer.

Volume 1: *Irving Berlin*, RD 048-1. January 1992.

Volume 2: *George Gershwin*, RD 048-2. February 1992.

Volume 3: *Cole Porter*, RD 048-3. April 1992.

Volume 4: *Jerome Kern*, RD 048-4. May 1992.

Volume 5: *Harold Arlen*, RD 048-5. July 1992.

Volume 6: *Rodgers & Hart*, RD 048-6. August 1992.

Volume 7: *Oscar Hammerstein*, RD 048-7. September 1992.

Smithsonian Video Division

Endgame by Samuel Beckett, Beckett Directs Beckett series video. Coproduced with the University of Maryland/College Park Visual Press and the San Quentin Drama Workshop. September 1992.

Inside Hawaiian Volcanoes, coproduced by the National Museum of Natural History, the U.S. Geological Survey, and Maurice P. Krafft, director of the Center of Volcanology, Vulcan, France. Distributed by Smithsonian Video Division.

Penguin World, coproduced with the Marine Mammal Fund. June 1992.

Federal Series Publications

Smithsonian Contributions to Botany

80. "A Taxonomic Revision of the Moss Families Hookeriaceae and Hypopterygiaceae in Malaya," by Haji Mohamed and Harold Robinson. 44 pages, 168 figures. (18 Dec 91)

Smithsonian Contributions to Paleobiology

69. "New *Enaliarctos** (Pinnipedimorpha) from the Oligocene and Miocene of Oregon and the Role of 'Enaliarctids' in Pinniped Phylogeny," by Annalisa Berta. 33 pages, 22 figures. (16 Dec 91)
70. "Morphology, Anatomy, and Systematics of the Cinctiporidae, New Family (Bryozoa: Stenolaemata)," by Richard S. Boardman, Frank K. McKinney, and Paul D. Taylor. 81 pages, 137 figures. (14 Apr 92)
71. "A New Genus and Species of Boxfish (Tetraodontiformes: Ostraciidae) from the Oligocene of Maravia, the Second Fossil Representative of the Family," by James C. Tyler and Ruzena Gregorova. 20 pages, 8 figures, 1 table. (16 Dec 91)

Smithsonian Contributions to Zoology

510. "Monograph of the Genus *Cerithium* Brugière in the Indo-Pacific (Cerithiidae: Prosobranchia)," by Richard S. Houbbrick. 211 pages, 145 figures, 45 tables. (29 Sep 92)
511. "Demography and Natural History of the Common Fruit Bat, *Artibeus jamaicensis*, on Barro Colorado Island, Panama," edited by Charles O. Handley, Jr., Don E. Wilson, and Alfred L. Gardner. 173 pages, 69 figures, 62 tables. (27 Dec 91)
513. "'Larval' and Juvenile Cephalopods: A Manual for Their Identification," edited by Michael J. Sweeney, Clyde F.E. Roper, Katharina M. Mangold, Malcom R. Clarke, and Sigurd v. Boletsky. 282 pages, 277 figures, 6 tables. (10 Feb 92)
515. "Biosystematic Studies of Ceylonese Wasps, XIX: Natural History Notes in Several Families (Hymenoptera: Eumenidae, Vespidae, Pompilidae, and Crabronidae)," by Karl V. Krombein. 41 pages, 59 figures. (9 Oct 91)
520. "Studies of Neotropical Caddisflies, XLV: The Taxonomy, Phenology, and Faunistics of the Trichoptera of Antioquia, Colombia," by Oliver S. Flint, Jr. 113 pages, 412 figures, 1 map, 6 graphs, 11 tables. (9 Oct 91)
521. "Stomatopod Crustacea Collected by the *Galathea* Expedition, 1950-1952, with a List of Stomatopoda Known from Depths below 400 Meters," by Raymond B. Manning. 18 pages, 12 figures. (17 Oct 91)
523. "A Review of the Genus *Eunice* (Polychaeta: Eunicidae) Based upon Type Material," by Kristian Fauchald. 422 pages, 117 figures, 53 tables. (11 Mar 92)
524. "Biology and Systematics of *Gryea* Busck and *Tetragma*, new genus (Lepidoptera: Prodoxidae)," by Donald R. Davis, Olle Pellmyr, and John N. Thompson. 88 pages, 375 figures, 7 maps. (26 Feb 92)
525. "Catalog of Type Specimens of Recent Fishes in the National Museum of Natural History, Smithsonian Institution, 3: Beloniformes (Teleostei)," by Bruce B. Collette, N.V. Parin, and Martha S. Nizinski. 16 pages. (6 Feb 92)
526. "Pycnogonida of the Southeast Pacific Biological Oceanographic Project (SEPBOB)," by C. Allan Child. 43 pages, 16 figures. (14 May 92)
527. "A Review of the Grapsid Crab Genus *Sesarma* (Crustacea: Decapoda: Grapsidae) in America, with the Description of a New Genus," by Lawrence G. Abele. 60 pages, 41 figures, 1 table. (1 Sep 92)
528. "The Aquatic Beetle Subfamily Larinae (Coleoptera: Elmidae) in Mexico, Central America, and the West Indies," by Paul J. Spangler and Sylvia Santiago-Fragosa. 74 pages, 267 figures. (14 Aug 92)
529. "Systematics of the Neotropical Characiform Genus *Cyphocharax* Fowler (Pisces: Ostariophysi)," by Richard P. Vari. 137 pages, 93 figures, 15 tables. (14 Aug 92)
530. "Ostracoda (Halocypridina, Cladocypina) from Anchialine Caves in Jamaica, West Indies," by Louis S. Kornicker and Thomas M. Iliffe. 22 pages, 11 figures, 1 table. (11 Sep 92)

532. "Contributions to the Polychaete Family Pholoidae Kinberg," by Marian H. Pettibone. 24 pages, 12 figures. (23 Sep 92)
533. "Systematics of the Neotropical Characiform Genus *Curimatella* Eigenmann (Pisces: Ostariophysi), with Summary Comments on the Curimatidae," by Richard P. Vari. 48 pages, 37 figures, 6 tables. (11 Jun 92)
534. "The Mating Behavior of *Iguana iguana*," by Gordon H. Rodda. 40 pages, 18 figures, 11 tables. (11 Sep 92)
535. "Catalog of Type Specimens of Recent Fishes in the National Museum of Natural History, Smithsonian Institution, 4: Gonorynchiformes, Gymnotiformes, and Siluriformes (Teleostei: Ostariophysi)," by Carl J. Ferraris, Jr., and Richard P. Vari. (11 Sep 92)

Publications for Museums, Bureaus, and Related Organizations

- Hirshhorn Museum and Sculpture Garden, calendar of events, published three times a year.
- National Museum of African Art, calendar of events, published four times a year.
- , *The Art of the Personal Object*, flier. September 1992.
- , *Echoes of the Kalabari: Sculptures by Sokari Douglas Camp*, booklet. September 1992.
- , *Educational Programs, 1992-1993*, brochure. August 1992.
- , *History, Design, and Craft in West Indian Strip-Woven Cloth*, book. May 1992.
- , *National Museum of African Art Internship Program*, brochure. December 1991.
- , *The Permanent Collection of the National Museum of African Art*, brochure. March 1992.
- , *Purpose and Perfection: Pottery as a Woman's Art in Central Africa*, brochure. September 1992.
- National Museum of Natural History, *Atoll Research Bulletin* 335-364. September 1992.
- , *Atoll Research Bulletin* 365-378. September 1992.
- Office of Fellowships and Grants, *Fellowships in Residence at the Smithsonian Institution*, poster. September 1992.
- , *Smithsonian Opportunities for Research and Study*, booklet. September 1992.
- Office of the Secretary, *Bylaws of the Board of Regents and Charter Provisions of the Smithsonian Institution (1992)*, booklet. December 1991.
- Smithsonian Institution, *Smithsonian Year 1991*. May 1992.
- , *Smithsonian Year 1991 Supplement: Chronology and Appendixes*. May 1992.
- Smithsonian Institution Archives, *Guide to the Papers of S. Stillman Berry*. September 1992.
- Smithsonian Institution Libraries, *SIL User Guide / Information for Borrowers*, brochure. May 1992.

internationally by the New York Times Syndication Sales, Inc. Executive Editor: Madeleine Jacobs

Appendix 5

Publications of the Staff of the Smithsonian Institution and Its Subsidiaries in Fiscal Year 1992

Office of Public Affairs

The Torch. A monthly newspaper for Smithsonian employees, featuring profiles, question-and-answer columns about interesting jobs, previews of upcoming events, classified ads, and more. Circulation is 10,200, which includes staff, volunteers, and a list of interested individuals and organizations outside the Smithsonian. Editor: David Lewis

Smithsonian Institution Research Reports. A quarterly newsletter that disseminates information on Smithsonian research to an audience of about 80,000 readers (10,000 scientists, libraries, museums, universities, journalists, and others and 70,000 Contributing Members of the National Associate Program). Editor: Jo Ann Webb

Smithsonian Runner. A bimonthly newsletter for Native Americans, featuring informational updates on the National Museum of the American Indian and articles on research and other projects, activities, and events at the Smithsonian that are of particular interest to Native Americans. Circulation is more than 18,000, which includes Native American journalists and community leaders, as well as members of the National Museum of the American Indian. Editor: Dan Agent

Exploring African American Heritage at the Smithsonian. A 12-page, four-color visitor brochure for secondary-school students and the general public. Coordinator: Lilas Wiltshire

African & African American Resources at the Smithsonian. A 32-page, two-color brochure with detailed information on behind-the-scenes research, collections, and employment opportunities and specific activities for scholars, journalists, students, and others. Coordinator: Kathryn Lindeman

Smithsonian News Service. A feature-story service that provides four articles and appropriate artwork each month to more than 1,000 daily and weekly newspapers and other media in the United States and abroad. Syndicated

Joseph Henry Papers

Rothenberg, Marc, Kathleen W. Dorman, John C. Rumm, and Paul H. Theerman, editors. *The Papers of Joseph Henry. Volume 6: 1844-1846: The Princeton Years.* Washington, D.C.: Smithsonian Institution Press, 1992.

Rumm, John C. "Scientific Management and Industrial Engineering at Du Pont" in *A Mental Revolution: Scientific Management since Taylor*, edited by Daniel Nelson. Columbus: Ohio University Press, 1992, pp. 175-204.

American Studies Program

Washburn, Wilcomb E. "Dozuho to Amerika Indian — Indian buzoku-sei no hakai," [The Assault on Indian Tribalism: The General Allotment Law of 1877] translated by Uzuki Hironari and Nishide Keiichi. Hokkaido to Amerika. Indian (Amerika kenkyu sho tokushu). In Sapporo Gakuin Daigaku Jimmon Gakkai Kiyo, Vol. 45 bessatsu (reprint) (August 1989), pp. 23-91.

———. "Indian-White Relations," *The Reader's Companion to American History*, edited by Eric Foner and John A. Garraty (Boston: Houghton Mifflin Co., 1991), pp. 556-559.

———. M. "The 'Treason of the Intellectuals,' 1989" (Herndon, Virginia: Young America's Foundation, October 10, 1991), 26 pp.

———. Articles on Exploration and Discovery before 1492, Landfall Controversy, and Vinland Map, in *The Christopher Columbus Encyclopedia*, edited by Silvio A. Bedini, 2 vols. (New York: Simon & Schuster, 1992), pp. 257-261, 401-408, and 690-692.

———. "Marvels, Maps and Monsters: Europe Eyes the New World," in *Imagining the New World: Columbian Iconography*. Catalogue edited by Irma B. Jaffe, Gianni Eugenio Viola, and Franca Rovigatti (Rome: Istituto della Enciclopedia Italiana 1991, pp. 1-15 (Catalogue for exhibition at the New-York Historical Society Museum on the occasion of the Quincentenary of the European Encounter with the Americas, November 13, 1991-January 26, 1992).

———. *Guerres Indiennes du Mayflower a Wounded Knee*, written with Robert M. Utley; translated by Simone Pellerin (Paris: Albin Michel, 1992), 274 pp.

———. "The Chop Revisited," *Heterodoxy*, vol. 1, no. 1 (April 1992), p. 16.

Sciences

Conservation Analytical Laboratory

- Alexander, Ingrid C. "Contributions to the Physico-Chemical Research on Fifteenth Century Paintings: A Study of Italian and Flemish Painting Techniques," *Revue des Archéologues et Historiens d'Art de Louvain*, 1992, 175-178.
- . "Processes and Performance in Renaissance Painting," *Materials Research Society Bulletin*, vol. XVII, January, 1992, 28-31.
- Baker, Mary T., and Ed McManus. "History, Care, and Handling of America's Spacesuits: Problems in Modern Materials," *Journal of the American Institute for Conservation*, vol. 31, 1992, 77-85.
- Ballard, M.W. "Emergency Planning," *Conservation Concerns: A Guide for Collectors and Curators*, edited by Konstanze Bachmann, Washington, DC, Smithsonian Institution Press, 1992, 11-14.
- and P. Czubay. "Latex Misuse on Historic Carpets and Textiles," *Polymer Preprints*, vol. 33, no. 2, Papers Presented at the 204th ACS National Meeting, Washington, DC, August 1992, 664-665.
- Bishop, Ronald L. "Instrumentation and the Future," *Americanist Archaeology Goals and Practice*, edited by L. Wandsnider, Carbondale, Center for Archaeological Investigations at Southern Illinois University at Carbondale, 1992, 160-169.
- . "Comments on Section II: Variation," *Chemical Characterization of Ceramic Paste*, edited by H. Neff, Monographs in World Archaeology, no. 7, Madison, Prehistory Press, 1992, 167-170.
- . "Comments on Section III: Applications," *Chemical Characterization of Ceramic Paste*, edited by H. Neff, Monographs in World Archaeology, no. 7, Madison, Prehistory Press, 1992, 287-289.
- , Frederick W. Lange, and Elizabeth K. Easby. "Jade in Meso-America. Pre-Columbian Jade in the Central and Southern Americas," *Jade*, edited by R. Keverne, London, Anness Publishing, 1991, 316-337.
- , Frederick W. Lange, Peter C. Lange, and Suzanne Abel-Vidor. "Compositional Characterization of the Nicaraguan Ceramic Sample," *The Archaeology of Pacific Nicaragua*, edited by F. W. Lange, P. D. Sheets, A. Martinez, and S. Abel-Vidor, Albuquerque, University of New Mexico Press, 1992, 135-162.
- Blackman, M.J. "The Effect of Human Size Sorting on the Mineralogy and Chemistry of Ceramic Clays," *Chemical Characterization of Ceramic Pastes in Archaeology*, edited by Hector Neff, Madison: Prehistory Press, 1992, 113-124.
- , and M. Vidale. "The Production and Distribution of Stoneware Bangles at Mohenjo-Daro and Harappa as Monitored by Chemical Characterization Studies," *South Asian Archaeology 1989*, edited by Catherine Jarrige, Madison: Prehistory Press, 1992, 37-43.
- Brill, Robert H., I. Lynus Barnes, Emile C. Joel. "Lead Isotope Studies of Early Chinese Glasses," *Scientific Research in Early Chinese Glass*, Proceedings of the Archaeometry of Glass Sessions of the 1984 International Symposium on Glass Beijing, September 7, 1984 with Supplementary Papers, edited by Robert H. Brill and John H. Martin, The Corning Museum of Glass, Corning, NY, 1991, 65-83.
- Brown, B. Floyd, Harry C. Burnett, W. Thomas Chase, Martha Goodway, Jerome Kruger, and Marcel Pourbaix, editors. *Corrosion and Metal Artifacts*. Originally published in 1976 as NBS Special Publication 479, republished Houston, Texas: the National Association of Corrosion Engineers, as a NACE Classic, 1992.
- Crown, Patricia L., and Ronald L. Bishop. "Manufacture of Gila Polychrome in the Greater American Southwest: An Instrumental Neutron Activation Analysis," *Homol'ovi II: Archaeology of an Ancestral Hopi Village, Arizona*, edited by E.C. Adams and K.A. Hays, Anthropological Papers of the University of Arizona 55, Tucson, The University of Arizona Press, 1991, 49-74.
- England, Pamela, James C.Y. Watt, and Lambertus van Zelst. "Analyses of Some Qing Period Chinese Glasses: An Interim Report," *Scientific Research in Early Chinese Glass*, Proceedings of the Archaeometry of Glass Sessions of the 1984 International Symposium on Glass Beijing, September 7, 1984 with Supplementary Papers, edited by Robert H. Brill and John H. Martin, The Corning Museum of Glass, Corning, NY, 1991, 103-107.
- Erhardt, David. Contributor, *Art in transit: Handbook for Packing and Transporting Paintings*, edited by M. Richard, M. Mecklenburg, and R. Merrill, Washington: National Gallery of Art, 1991.
- Erlebacher, J.D., M.F. Mecklenburg, and C.S. Tumosa. "The Mechanical Behavior of Artist's Acrylic Paints with Changing Temperature and Relative Humidity," *Polymer Preprints*, vol. 33, no. 2, Papers Presented at the 204th ACS National Meeting, Washington, DC, August 1992, 646-647.
- Foias, Antonia, James Brady, Carolina Foncea de Ponciano, David Stuart, María Teresa Robles, and Ronald L. Bishop. "Análisis preliminar de la cerámica de los sitios de la región de Petexbatún," *IV Simposio de Arqueología Guatemalteca, Museo Nacional de Arqueología y Etnología, Julio de 1990*, edited by J. P. Laporte, H. L. Escobedo, and S. Villagrán de Brady, Guatemala, Ministerio de Cultura y Deportes, Instituto de Antropología e Historia, and Asociación Tikal, 1992, 179-200.
- Gianno, R., W.D. Erhardt, D.W. Von Endt., W.R. Hopwood and M.T. Baker. "The Resins from Three Southeast Asian Shipwrecks," *Museum Applied Science-Center for Archeology Occasional Papers*, 1991, 59.
- Gleason, Margaret A., Lisa A. Kronthal, Harriet F. Beaubien, Carol A. Grissom, and Donald C. Williams. "Treatment of the U.S. House of Representatives' Mace: An Object in

- Use," *Papers Presented at the Wooden Artifacts Group*, American Institute for Conservation Annual Meeting, Buffalo, 1992, 67-75.
- Glumac, Petar D. "Introduction," *Recent Trends in Archaeometallurgical Research*, University of Pennsylvania, PA, vol. 8, part I, 1991, 5-6.
- . "Early Metallurgy in Southeast Europe: The Evidence for Production," *Recent Trends in Archaeometallurgical Research*, University of Pennsylvania, PA, vol. 8, part I, 1991, 8-19.
- , editor. *Recent Trends in Archaeometallurgical Research*, MASCA Research Papers in Science and Archaeology, University of Pennsylvania, Philadelphia, PA, vol. 8, part I, 1991.
- Goodfriend, G.A., P.E. Hare and D.W. Von Endt. "Rapid Racemization of Aspartic Acid in Biogenic Carbonates as a Means of Dating on a Decadal Time Scale." *Geological Society of America Bulletin*, 1991, 105.
- Goodway, Martha, and William R. Savage. "Coulomb's data on harpsichord wire," *MRS Bulletin*, 17 January 1992, 24-27.
- . "Kenneth Barraclough," obituary, *Society for Archaeological Sciences Bulletin* 14 3, 1991, 10.
- . "News of Archaeometallurgy," *Society for Archaeological Sciences Bulletin* 14 3, 1991, 8-10.
- . "News of Archaeometallurgy," *Society for Archaeological Sciences Bulletin* 14 4, 1991, 7.
- . "News of Archaeometallurgy," *Society for Archaeological Sciences Bulletin* 15 1, 1992, 1.
- . "News of Archaeometallurgy," *Society for Archaeological Sciences Bulletin* 15 2, 1992, 1.
- . "William Rostoker," obituary, *Society for Archaeological Sciences Bulletin* 14 3, 1991, 10.
- , and Jay Scott Odell. "The Smithsonian harpsichord wire project, or what was the old wire really like?," *Saiten und ihre Herstellung in Vergangenheit Gegenwart*, Beiheft 11 zu den Studien der Aufführungspraxis und Interpretation der Musik des 18. Jahrhunderts, Proceedings of the 9th Symposium on Questions of Musical Instrument Making, 11-12 Michaelstein 1988, Michaelstein/Blankenburg 1991, 41-46.
- Hansen, Richard D., Ronald L. Bishop, and Federico Fahsen. "Notes on Maya Codex-style Ceramics from Nakbe, Peten, Guatemala," *Ancient Mesoamerica* 2 1992, 225-244.
- , Federico Fahsen, and Ronald L. Bishop. "Escribas, códices y vasos: estudios de un vaso códice de Nakbe," *V. Simposio de Investigaciones Arqueológicas en Guatemala*, Museo Nacional de Arqueología y Etnología, 15-18 de julio de 1991, edited by J. P. Laporte, H. L. Escobedo A., and S. Villagran de Brady, Guatemala, Ministerio de Cultura y Deportes, Instituto de Antropología e Historia, and the Asociación Tikal, 1992, 317-326.
- Harbottle, Garman, and Ronald L. Bishop. "Commentary on Technique," *Chemical Characterization of Ceramic Paste*, edited by H. Neff, Monographs in World Archaeology, no. 7, Madison, Prehistory Press, 1992, 27-30.
- Henrickson, R.C. and M.J. Blackman. "Style and Paste: Investigating the Production of Godin III Buff Painted Ware," *Chemical Characterization of Ceramic Pastes in Archaeology*, edited by Hector Neff, Madison: Prehistory Press, 1992, 125-144.
- Hodge, M.G., H. Neff, M.J. Blackman, and L.D. Minc. "A Compositional Perspective on Ceramic Production in the Aztec Empire," *Chemical Characterization of Ceramic Pastes in Archaeology*, edited by Hector Neff, Madison: Prehistory Press, 1992, 203-220.
- Hopkins, J., L. Brenner and C. S. Tumosa. "Variation of the Amide I and Amide II Peak Absorbance Ratio in Human Hair as Measured by Fourier Transform Infrared Spectroscopy," *Forensic Science International*, 50, 1991, 61-65.
- Kingery, W.D., P.B. Vandiver and T. Noy. "An 8,500-Year-Old Sculpted Plaster Head from Jericho (Israel)," *Materials Research Society*, or MRS Bulletin 17(1): Jan 1992, 46-52.
- Klein, Elyse, Jia-Sun Tsang and Mary T. Baker. "Non-Instrumental Techniques for the Characterization and Identification of Artists Acrylic Paints," *Polymer Preprints*, vol. 33, no. 2, papers presented at the 204th American Chemical Society Annual Meeting, Washington, DC, August, 1992, 650-651.
- Lange, Eric B., Mary T. Baker, and Ed McManus. "Implications of Cold Storage on the Nation's Collection of Space Suits," *Polymer Preprints*, vol. 33, no. 2, papers presented at the 204th American Chemical Society Annual Meeting, Washington, DC, August, 1992, 639-640.
- Lauffenburger, Julie A., Carol A. Grissom, and A. Elena Charola. "Changes in Gloss of Marble Surfaces as a Result of Methylcellulose Poulting," *Studies in Conservation* 37 (3) 1992, 155-164.
- McCormick-Goodhart, Mark. "An Analysis of Image Deterioration in Wet-Plate Negatives from the Mathew Brady Studios," *Journal of Imaging Science and Technology*, Vol. 36, No. 3, 1992, 297-305.
- . "Ovonix Film," *Micrographic Film Technology*, 4th Ed., edited by Sandra Kashdan, Association for Information and Image Management, Silver Spring, MD, 1992.
- Mecklenburg, M.F. "Some Mechanical and Physical Properties of Gilding Gesso," *Gilded Wood Conservation and History*, D. Bigelow, E. Cornu, G.J. Landrey, and C. van Horne, Eds., Sound View Press, Madison Conn., 1991, 163-170.
- Murray, A., R.E. Green, M.F. Mecklenburg, and C.M. Fortunko. "NDE Applied to the Conservation of Wooden Panel Paintings," *Nondestructive Characterization of Materials IV*, C.O. Ruud et al., Eds., Plenum Press, New York, 1991, 73-80.
- Myers, J. Emlen, F. de Amores Carredano, J. S. Olin, and A. Pleguezuelo Hernandez. "Compositional Identification of Seville Majolica at Overseas Sites," *Historical Archaeology* 26 1, 1992, 131-146.
- Olin, J.S. and J. E. Myers. "Old and New World Spanish Majolica Technology," *MRS Bulletin* XVII (1), 1992, 32-38.

- Rothman, M.J. and M.J. Blackman. "Monitoring Administrative Spheres of Action in Late Prehistoric Northern Mesopotamia with the Aid of Chemical Characterization INAA, of Sealing Clays," *Economy and Settlement in the Near East: Analysis of Ancient Sites and Materials*, Supplement to vol. 7, 1990, edited by N.F. Miller, Philadelphia: MASCA Research Papers in Science and Archaeology, University of Penn., 1992, 19-45.
- Sayre, E.V., K.A. Yener, E.C. Joel, and I.L. Barnes. "Statistical Analysis of the Presently Accumulated Lead Isotope Data from the Near East," *Archaeometry* 34 1, 1992, 73-105.
- Schnabel, Lorraine. "Evaluation of the Barium Hydroxide-urea Consolidation Method," *Proceedings of the 7th International Congress on Deterioration and Conservation of Stone*, Lisbon, Portugal, 1992, 1063-1072.
- Strahan, Donna. "Naturally Deposited Versus Intentionally Applied Gypsum on Archaeological Materials from Harappa, Pakistan," *Journal of Field Archaeology* 18 (4), 1991, 527-530.
- Sugarman, J. and T.J. Vitale. "Observations on the Drying of Paper: Part I, Examination and Application of Drying Methodologies to Treatment," *Journal of the American Institute for Conservation*, 1992, 175-197.
- Tsang, Jia-sun, and David Erhardt. "Current Research on the Effects of Solvents and Gelled and Aqueous Cleaning Systems on Oil Paint Films," *Journal of the American Institute for Conservation*, vol. 31, 1992, 87-94.
- Tumosa, C. S. and Melanie E. Feather. "An Analytical Investigation into the Metallic Composition of the Polushka Struck from 1730-1754," *Journal of the Russian Numismatic Society*, no. 45, 1992, 14-20.
- van der Reyden, Dianne, Christa Hofmann, and M. Baker. "Comparison and Evaluation of Bleaching Procedures: The Effect of Five Bleaching Methods on the Optical and Mechanical Properties of New and Aged Cotton Linter Paper, Before and After Accelerated Aging," *AIC BPG Annual*, vol. 10, 1991, 109-127.
- , Terry Schaeffer, and M. Baker. "Effect of Aging on an Aqueously Light Bleached, Mixed Pulp Paper," *AIC BPG Annual*, vol. 10, 1991, 205-215.
- , and D. Williams. "A Load to Bear: Papier-Mâché Furniture, Its Conservation and Care," *Antiques Show Magazine*, Richmond Academy of Medicine, 1992, vol. 10, 29-34.
- . "Recent Scientific Research in Paper Conservation," *Journal of the American Institute for Conservation*, vol. 31, 1992, 117-138.
- Vandiver, P.B. "Corrosion and Conservation of Ancient Glass and Ceramics," *Corrosion of Glass, Ceramics and Ceramic Superconductors*, edited by D.E. Clark and B.K. Zoitos, Noyes Publications, Park Ridge, NJ, 1992, 393-430.
- . "The Most Ancient Tradition of Japanese Ceramics," *Proc. of the International Symposium on Fine Ceramics: From Traditional to New Creative Ceramics*, 1991, Arita, Saga Prefecture, Japan, 75-92.
- . "Preliminary Study of the Technology of Selected Seto and Mino Ceramics," *L.A. Cort, Seto and Mino Ceramics*, Freer Gallery of Art and University of Hawaii Press, 1992, 219-229.
- . "Technical Studies of Ancient Chinese Ceramics," *New Perspectives on the Art of Ceramics in China*, edited by George Kuwayama, Los Angeles County Museum of Art and University of Hawaii Press, 1992, 116-140.
- . "The Technology of Korean Celadons," *Y. Mino, The Radiance of Jade and the Clarity of Water: Korean Ceramics from the Ataka Collection*, Art Institute of Chicago, 151-158.
- and J. Druzik. "Art and Technology," *MRS Bulletin* 17(1) Jan 1992, 14-15.
- , W.A. Ellingson, T.K. Robinson, J.J. Lobick, and F.H. Sequin. "New Applications of X-Radiographic Imaging Technologies for Archaeological Ceramics," *Archeomaterials* 5(2): (Summer 1991), 185-207.
- Van Zelst, Lambertus, Worthy N. Martin, Carl F. Huber, Veletta Canouts, and Ronald L. Bishop. "Interactive Design Analysis: System Overview," *Proceedings of the 12th International Symposium on the Conservation and Restoration of Cultural Property: Analysis and Examination of an Art Object by Imaging Techniques*, Tokyo, Tokyo National Research Institute of Cultural Properties, 1991, 163-188.
- Von Endt, D.W. "The Organic Materials of Natural History Museums," *Conservation Care Training Program - Natural History Collections Curriculum*. National Institute for Conservation: Washington.D.C., 1992, 58.
- , and M.T. Baker. "The Deterioration of Gesso in Water Gilding," *Gilded Wood Conservation and History*, D. Bigelow, E. Cornu, G.J. Landrey, and C. van Horne, Eds., Sound View Press, Madison, Conn., 1991, 1.
- Yener, Aslihan K. and Martha Goodway. "Reply to Hall and Steadman," *Journal of Mediterranean Studies* 5 (1) (1992) 77-90.
- , E.V. Sayre, E.C. Joel, H. Ozbal, I.L. Barnes, R.H. Brill, "Stable Lead Isotope Studies of Central Taurus Ore Sources and Related Artifacts from Eastern Mediterranean Chalcolithic and Bronze Age Sites," *Journal of Archaeological Science* 18 (5), 1991, 541-577.

National Zoological Park

Department of Zoological Research

- Ballou, J. 1992. Potential contribution of cryopreserved germ plasm to the preservation of genetic diversity and conservation of endangered species in captivity. *Cryobiology*, 29:19-25.
- Beck B., D.G. Kleiman, J.M. Dietz, I. Castro, C. Carvalho, A. Martins, and B. Rettberg-Beck. 1992. Losses and reproduction in reintroduced golden lion tamarins, *Leontopithecus rosalia*. *Dodo*, 27:50-61.
- Bernard, J.B., O.T. Oftedal, Barboza, P.S., C.E. Mathias, M.E. Allen, S.B. Citino, D.E. Ullrey, and R.J. Montali. 1991. The response of Vitamin D deficient green iguanas (*Iguana*

- iguana) to artificial ultraviolet light. *Proceedings of the American Association of Zoo Veterinarians Annual Meeting 1991*, 1991:147-150.
- Boness, D.J., O.T. Oftedal, and K.A. Ono. 1991. The effect of El Nino on pup development in the California sea lion (*Zalophus californianus*). 1. Early postnatal growth. pp. 173-179, *Pinnipeds and El Nino: Responses to Environmental Stress*, (Trillmich, F. and K.A. Ono, eds.). Springer Verlag, New York.
- de Leeuw, A.M., W.F. Rall, J.H.G. den Daas and Th. A.M. Kruip. 1991. Comparative studies of the efficacy of rapid cryopreservation methods for bovine embryos. *Proceedings of the 7th Scientific Meeting of the European Embryo Transfer Association*, pp. 77-86. Cambridge, U.K.
- Derrickson, K.C. and R. Breitwisch. 1992. Northern mockingbird. *The birds of North America*, Number 7, (A. Poole, P. Stettenheim, and F. Gill, eds.). The Academy of Natural Sciences and the American Ornithologists Union, Philadelphia.
- and I.G. Warkentin. 1991. The role of egg-capping in the evolution of eggshell removal. *Condor*, 93:757-759.
- Francis, J.M. and D.J. Boness. 1991. The effect of thermoregulatory behavior on the mating system of the Juan Fernandez fur seal, *Arctocephalus philippii*. *Behaviour*, 119:104-126.
- and C.B. Heath. 1991. The effects of El Nino on the frequency and sex ratio of suckling yearlings in the California sea lion. pp. 195-201. *Pinnipeds and El Nino: Responses to Environmental Stress*, (F. Trillmich and K.A. Ono, eds.). Springer Verlag, New York.
- and C.B. Heath. 1991. Population abundance, pup mortality, and copulation frequency in the California sea lion in relation to the 1983 El Nino on San Nicolas Island. pp. 119-128. *Pinnipeds and El Nino: Responses to Environmental Stress*, (F. Trillmich and K.A. Ono, eds.). Springer Verlag, New York.
- Heath, C.B., K.A. Ono, D.J. Boness, and J.M. Francis. 1991. The influence of El Nino on female attendance patterns in the California sea lion. pp. 138-145. *Pinnipeds and El Nino: Responses to Environmental Stress*, (F. Trillmich and K.A. Ono, eds.). Springer Verlag, New York.
- Heyner, S. and W.F. Rall. 1992. Assisted reproductive technology: *In vitro* fertilization and cryopreservation of human gametes and embryos. *Frontiers in Reproductive Physiology*. (D. Ghost and J. Sengupta, eds.), Wiley Eastern, New Delhi, pp. 217-224.
- , O.T. Oftedal, and D.J. Boness. 1991. The effects of El Nino on pup development in the California sea lion. 2. Milk and energy intake. pp. 180-184. *Pinnipeds and El Nino: Responses to Environmental Stress*, (Trillmich, F. and K.A. Ono, eds.). Springer Verlag, New York.
- Jung, R. 1992. Effects of human activities and lake characteristics on the behavior and breeding success of common loons. *Passenger Pigeon*, 53:207-218.
- . 1992. Individual variation in fruit choice by American robins (*Turdus migratorius*). *The Auk*, 109:98-111.
- . 1992. Rare hybrid caught at Adventure Banding Station. *Audubon Naturalist News*, 18:21.
- Kleiman, D. 1992. Bamboo bears. *Zoogoer*, 21:6-12.
- Lowry, M.S., B.S. Stewart, C.B. Heath, P.K. Yochem, and J.M. Francis. 1991. Seasonal and annual variability in the diet of California sea lions, *Zalophus californianus*, at San Nicolas Island, California, 1981-1986. *Fishery Bulletin*, 89:331-336.
- Morton, E.S. and J. Page. 1992. *Animal talk: Science and the voices of nature*. Random House, New York, New York.
- Oftedal, O.T. 1991. Nutritional consequences of foraging in primates: The relationship of nutrient intakes to nutrient requirements. *Philosophical Transactions of the Royal Society of London, Series B: Biological Sciences*, 334:161-170.
- . 1992. The nutritional consequences of foraging in primates: The relationship of nutrient intakes to nutrient requirements. pp. 1-10. *Foraging Strategies and Natural Diets of Monkeys, Apes and Humans*, (A. Whiten and E.M. Widdowson, eds.). Oxford University Press, Oxford.
- , W.D. Bowen, E.M. Widdowson, and D.J. Boness. 1991. The prenatal molt and its ecological significance in hooded and harbor seals. *Canadian Journal of Zoology*, 69(9):2489-2493.
- Rall, W.F. 1991. Guidelines for establishing animal genetic resource banks: Biological materials, management and facility considerations. *Proceedings of the Wild Cattle Symposium*, (D.L. Armstrong and T.S. Gross, eds.), Henry Doorly Zoo, Omaha, Nebraska, pp. 96-106.
- . 1991. Prospects for the cryopreservation of mammalian spermatozoa by vitrification. *Reproduction in Domestic Animals, Supplement 1, Proceedings of the 2nd International Conference on Boar Semen Cryopreservation*, (L.A. Johnson & D. Rath, eds.), Paul Parey Scientific Publishers, Berlin, pp. 65-80.
- . 1992. Cryopreservation of oocytes and embryos: Methods and applications. *Animal Reproduction Science*, 28: 237-245.
- , J.D. Ballou and D.E. Wildt. 1991. Cryopreservation and banking of animal germ plasm for species conservation: An imperative for action by the Captive Breeding Specialist Group. *Proceedings of the Annual Meeting of the Captive Breeding Specialist Group*, IUCN, Singapore, pp. 1-13.
- Ralls, K., D.B. Siniff, A. Doroff, and A. Mercure. 1992. Movements of sea otters relocated along the California coast. *Marine Mammal Science*, 8:178-184.
- Roberts, M. 1992. The fire cat. *Zoogoer*, 21:13-18.
- Rosenberger, A. 1992. Evolution of feeding niches in New World monkeys. *American Journal of Physical Anthropology*, 88:525-562.
- and M. Dagasto. 1992. New craniodental and postcranial evidence of fossil tarsiiforms. pp. 37-52. *Topics in Primatology*, (S. Matano, R.H. Tuttle, H. Ishida, and M. Woodward, eds.). University of Tokyo Press, Tokyo.
- Ruiz-Miranda, C.R. 1992. Effects of the presence of the mother on responses of domestic goat kids to novel inanimate objects and humans. *Applied Animal Behavior*, 32:277-285.

- Siniff, D. and K. Ralls. 1992. Reproduction, survival and tag loss in California sea otters. *Marine Mammal Science*, 7:211-229.
- Spector, D.A. 1992. An odd bird among the gulls. *Bird News of Western Massachusetts*, 32:2.
- . 1992. Wood-warbler song systems: A review of paruline singing behavior. *Current Ornithology*, 9:199-238.
- Thompson, K. 1991. Flehmen and social dominance in captive female sable antelope, *Hippotragus niger*. *Applied Animal Behaviour Science*, 29:121-133.
- . 1992. Reproductive competition, birth synchrony and behavioral development in sable antelope, *Hippotragus niger*. Ph.D., University of Maryland. 218 pp.
- Trillmich, F., K.A. Ono, D.P. Costa, R.L. DeLong, S.D. Feldkamp, J.M. Francis, R.L. Gentry, C.B. Heath, B.J. LeBoeuf, P. Majluf, and A.E. York. 1991. The effects of El Nino on pinniped populations in the Eastern Pacific. pp. 247-270. *Pinnipeds and El Nino: Responses to Environmental Stress*, (F. Trillmich and K.A. Ono, eds.). Springer Verlag, New York.
- Wagner, R.H. 1992. Extra-pair copulations in a lek: The secondary mating system of monogamous razorbills. *Behavioral Ecology and Sociobiology*, 31: 63-71.
- . 1992. The pursuit of extra-pair copulations by monogamous female razorbills: How do females benefit? *Behavioral Ecology and Sociobiology*, 29:455-464.
- Warkentin, I., P.C. James, and L.W. Oliphant. 1992. Assortative mating in early breeding merlins. *Condor*, 94:418-426.
- Wood, T.C., D.E. Wildt L.A. Johnston, A.M. Donoghue and W.F. Rall 1991. Osmometric behavior of domestic cat embryos in solutions of sucrose and permeating cryoprotectants. *Cryobiology* 28:572 (Abstract).
- ## Department of Animal Health
- Andrews, J.C., J.G. Howard, B.D. Bavister and D.E. Wildt. 1992. Sperm capacitation in domestic cat (*Felis catus*) and leopard cat (*Felis bengalensis*) as studied with a salt-stored zona pellucida assay. *Molecular Reproduction Development*, 31:200-207.
- Byers, A.P., T.L. Roth and D.E. Wildt. 1992. Oocyte nuclear maturation is poorly related to cumulus mass expansion and is independent of *in vitro* fertilization potential in the domestic cat. Proceedings: *Society for the Study of Reproduction, Biological Reproduction, Supplemental 1*, 46:117.
- Cooper, K.A., M. Bush, S.J. O'Brien, R.A. Stolk and D.E. Wildt. 1992. New opportunities in animal health sciences (NOAHS): Biotechnology for conservation. *Proceedings of the 6th World Conference on the Breeding of Endangered Species*, p. 50.
- Donoghue, A.M., J.G. Howard, A.P. Byers, K.L. Goodrowe, M. Bush, E. Blumer, J. Lukas, J. Stover, K. Snodgrass and D.E. Wildt. 1992. Correlation of sperm viability with gamete interaction and fertilization *in vitro* in the cheetah (*Acinonyx jubatus*). *Biological of Reproduction*, 46:1047-1056.
- , L.A. Johnston, U.S. Seal, D.L. Armstrong, L.G. Simmons, T. Gross, R.T. Tilson, P. Wolff and D.E. Wildt. 1992. Ability of thawed tiger (*Panthera tigris*) spermatozoa to fertilize conspecific oocytes and bind and penetrate domestic cat oocytes *in vitro*. *Journal of Andrology, Supplement*, p 34.
- , L.A. Johnston, L. Munson, J.L. Brown and D.E. Wildt. 1992. Influence of gonadotropin treatment interval on follicular maturation, *in vitro* fertilization, circulating steroid concentrations and subsequent luteal function in the domestic cat. *Biology of Reproduction*, 46:972-980.
- Howard, J.G. 1992. Feline semen analysis and artificial semination. *Current Veterinary Therapy XI*, R.W. Kirk, ed., W.B. Sanders Co., Philadelphia, pp. 929-938.
- , M.W. Barone, A.M. Donoghue and D.E. Wildt. 1992. The effect of preovulatory anaesthesia on ovulation in laparoscopically inseminated domestic cats. *Journal of Reproduction and Fertility*, 96:175-186.
- , A.M. Donoghue, L.A. Johnston and D.E. Wildt. 1992. Selective filtration of structurally-abnormal spermatozoa by the zona pellucida and reduced fertilization in teratospermic cats. *Journal of Andrology*, p. 137.
- Roth, T.L., A.M. Donoghue, A.P. Byers, L. Munson and D.E. Wildt. 1992. Gamete co-culture on oviductal cell monolayers supports *in vitro* fertilization but does not overcome the partial morula-to-blastocyst development block in the domestic cat. *Proceedings of the Society for the Study of Reproduction, Biological Reproduction, Supplement 1*, 46:167.
- Schmidt, P.M., V.M. Hollifield, X. Lin and D.E. Wildt. 1992. Induced ovulation and adequate embryo recovery in New Zealand white rabbits treated with a low PMSG/hCG dose or single, daily injections of FSH-P. *Theriogenology*, 37:293.
- Wasser, S.K., R.I. Thomas, P.P. Nair, S.L. Monfort and D.E. Wildt. 1992. Effect of diet on fecal steroid measurements. Proceedings: *1st International Symposium of Faecal Steroid Monitoring in Zoo Animals*, pp. 10-15.
- Wildt, D.E. 1991. Fertilization in cats. *A Comparative Overview of Mammalian Fertilization*, B.S. Dunbar and M. O'Rand, eds., Plenum, New York, pp. 299-328.
- . 1992. Genetic resource banking for conserving wildlife species: Justification, examples and becoming organized on a global basis. *Journal of Animal Reproduction Society*, 28:247-257.
- , A.M. Donoghue, L.A. Johnston, P.M. Schmidt and J.G. Howard. 1992. Species and genetic effects on the utility of biotechnology for conservation. *Symposium of the Zoological Society of London*, 64:45-61.
- , S.L. Monfort, A.M. Donoghue, L.A. Johnston and J.G. Howard. 1992. Embryogenesis in conservation biology—or how to make an endangered species embryo. *Theriogenology*, 37:161-184.

Department of Conservation

- Derrickson, S.R., and N.F.R. Snyder. 1992. Potentials and limits of captive breeding in parrot conservation. *New World Parrots in Crisis: Solutions from Conservation Biology*. S. R. Beissinger and N. F. R. Snyder, eds., 133-163. Washington, D.C. Smithsonian Institution Press.
- Dinerstein, E. 1992. Effects of *Rhinoceros unicornis* on riverine forest structure in lowland Nepal. *Ecology*, 73 (2): 701-704.
- Holzenbein, S., and R.L. Marchinton. 1992. Spatial integration of maturing male white-tailed deer into the adult population. *Journal of Mammalogy*, 73 (2):326-334.
- McShea, W.J., and A.B. Gilles. 1992. A comparison of traps and fluorescent powder to describe foraging for mast by *Peromyscus leucopus*. *Journal of Mammalogy*, 73 (1):218-222.
- and D.M. Madison. 1992. Appendix 2. Alternative approaches to the study of small mammal dispersal: insights from radiotelemetry. *Animal Dispersal: Small Mammals as a Model*. J.N.C. Stenseth and W.Z. Lidicker, 317-332. Chapman & Hall, New York.
- Montali, R.J., D.K. Nichols, M. Bush, S.R. Derrickson, and C. Pickett. 1992. Control of avian tuberculosis in zoological parks: a perspective. *Verhandlungsbericht des Internationalen Symposiums über die Erkrankungen der Zoo und Wildtiere*, 34:71-76.
- Stüwe, M., K.T. Scribner, and P.U. Alkon. 1992. A comparison of genetic diversity in Nubian ibex (*Capra ibex nubiana*) and Alpine ibex (*Capra i. ibex*). *Zeitschrift für Säugetierkunde*, 57:120-123.
- Swanson, D.A., and J.H. Rappole. 1992. Status of the white-winged dove in southern Texas. *The Southwestern Naturalist*, 37 (1):93-97.

Department of Animal Health

- Bernard J.B., O.T. Oftedal, P.S. Barboza, C.E. Mathias, M.E. Allen, S.B. Citino, D.E. Ullrey, and R.J. Montali. 1991. The response of Vitamin D-deficient green Iguanas (*Iguana iguana*) to artificial ultraviolet light. *Proceedings of the American Association of Zoo Veterinarians*, pp. 147-150.
- Brown, J.L., D.E. Wildt, J.R. Raath, V. de Vos, J.G. Howard, D.L. Janssen, S.B. Citino, and M. Bush. 1991. Impact of season on seminal characteristics and endocrine status of adult free-ranging African buffalo (*Syncerus caffer*). *Journal of Reproduction and Fertility*, 92(1):47-57.
- , D.E. Wildt, J.R. Raath, V. de Vos, D.L. Janssen, S.B. Citino, J.G. Howard, and M. Bush. 1991. Seasonal variation in pituitary-gonadal function in free-ranging impala (*Aepyceros melampus*). *Journal of Reproduction and Fertility*, 93:497-505.
- , S.B. Citino, M. Bush, A.K. Bunbak, and L.G. Phillips. 1991. Cyclic patterns of luteinizing hormone, follicle-stimulating hormone, inhibin, estradiol, and progesterone secretion in the Asian elephant (*Elephas maximus*). *Journal of Zoo and Wildlife Medicine*, 22(1):49-57.

- Brunnert, S.R., G.T. Hensley, S.B. Citino, A.J. Herron, and N.H. Altman. 1991. Salivary gland oncocytes in African hedgehogs (*Atelerix albiventris*) mimicking cytomegalic inclusion disease. *Journal of Veterinary Pathology*, 105:83-90.
- Citino S.B. 1992. Water Quality and Marine Aquarium, *Current Veterinary Therapy XI: Small Animal Practice*, pp. 1199-1201. Kirk, W.K. and J.D. Bonagua, eds. W.B. Sanders Co., Philadelphia.
- and A. de Lahunta. 1991. Clinical Challenge: Intracerebral hemorrhage. *Journal of Zoo and Wildlife Medicine*, 22(3), 373-375.
- Bonagura, J.D., H. Lambert, S.B. Citino, I. Collaza, and R.S. Jeyendran. 1991. Penetration of zona-free hamster oocytes by ejaculated cryopreserved gorilla spermatozoa. *Fertility and Sterility*, 56(6), 1201-1203.
- Montali, R.J. and S.B. Citino. 1991. Pathological Findings in Captive Rhinoceroses, *Proceedings of the International Rhino Conference*, San Diego, California, May.
- Papas, A.M., R.C. Cambre, S.B. Citino, and R.J. Sokol. 1991. Efficacy of Absorption of various vitamin E forms by captive elephants and black rhinoceroses. *Journal of Zoo and Wildlife Medicine*, 22(3), 309-317.
- Schiewe, M.C., M. Bush, L.G. Phillips, S.B. Citino, and D.E. Wildt. 1991. Comparative aspects of estrous synchronization, ovulation induction, and embryo cryopreservation in the scimitar-horned oryx, bongo, eland, and greater kudu. *Journal of Experimental Zoology*, 258: 75-88.
- Tell, L.A. and S.B. Citino. 1992. Hematologic and serum chemistry reference intervals for Cuban Amazon parrots (*Amazona leucocephala leucocephala*). *Journal of Zoo and Wildlife Medicine*, 23(1), 62-64.
- Shulman, F.Y., R.J. Montali, and S.B. Citino. 1991. Proventricular nematodiasis: A potentially lethal infection in zoo birds. *Proceedings of the American Association of Zoo Veterinarians*, pp. 252-254.

Department of Pathology

- Montali, R.J. 1991. Selected Viral Diseases of Non-domestic Carnivores. *Proceedings of the Sixth Annual Veterinary Medical Forum*, American College of Veterinary Internal Medicine, pp. 231-233.
- , D. Nichols, and J. Price. 1991. Methods for Detection and Diagnosis of Avian Tuberculosis: Some Considerations for the Future. *American Association of Zoological Parks and Aquariums Annual Conference Proceedings 1991*, San Diego, Cal. Sept. 15-19, pp. 485-491.
- , D.K. Nichols, M. Bush, S.R. Derrickson, and C. Pickett. 1992. Control of avian tuberculosis in zoological parks: a perspective. 34th *Symposium on the Diseases of Zoo and Wild Animals*, pp. 71-76. Santander, Spain.
- Munson, L. and R.J. Montali. 1991. High Prevalence of Ovarian Tumors in Maned Wolves (*Chrysocyon brachyurus*) at the National Zoological Park. *Journal of Zoo and Wildlife Medicine*, 22(1):125-129.

Stephensen, C.B., Jacob, J.R., Montali, R.J., Holmes, K.V., Muchmore, E., Compans, R.W., Arms, E.D., Buchmeier, M.J. and Lanford, R.E. 1991. Isolation of an Arenavirus from a marmoset with Callitrichid Hepatitis and its serologic association with Disease. *Journal of Virology*, 65(8), pp. 3995-4000.

Office of Environmental Awareness

- Gradwohl, J. 1991. National Forum on Ocean Conservation Summary. Smithsonian Institution, Washington, D.C. 124 pages.
- Gradwohl, J. and R. Greenberg. 1991. Small forest reserves: Making the best of a bad situation. *Climatic Change* 19:253-256.
- Sullivan, T. and J. Gradwohl. 1990. Environmental Activities at the Smithsonian Institution. Smithsonian Institution, Washington, D.C. 80 pages.

Smithsonian Environmental Research Center

- Choi, Joong Ki, D. Wayne Coats, David C. Brownlee, and Eugene B. Small. Morphology and Infraciliature of Three Species of *Eutintinnus* (Ciliophora; Tintinnina) with Guidelines for Interpreting Protargol-Stained Tintinnine Ciliates. *Journal of Protozoology* 39(1992): 80-92.
- Coats, D. Wayne. Collection and Cultivation of Histophagous Ciliates, in *Protocols in Protozoology*, edited by, J. E. Lee and A. T. Soldo. Lawrence: Allen Press, 1992, A53.1-A53.2.
- Correll, David L. "Human Impact on the Functioning of Landscape Boundaries" in *Ecotones—The Role of Landscape Boundaries in the Management and Restoration of Changing Environments*, edited by M. M. Holland, P. G. Risser, and R. J. Naiman. New York, Chapman and Hall, 1991.
- Correll, David L., Carl O. Clark, Bernard Goldberg, Vernon R. Goodrich, Douglass R. Hayes, Jr., William H. Klein, and William D. Schecher. Spectral Ultraviolet-B Radiation Fluxes at the Earth's Surface: Long-Term Variations at 39°N, 77°W. *Journal of Geophysical Research* 97(1992): 7579-7591.
- Dolan, John R. and Charles L. Gallegos. Trophic Coupling of Rotifers, Microflagellates, and Bacteria During Fall Months in the Rhode River Estuary. *Marine Ecology Progress Series* 77(1991): 147-156.
- Drake, Bert G. The Impact of Rising CO₂ on Ecosystem Productions. *Water, Air, and Soil Pollution* 64(1992): 25-44.
- Drake, Bert G. and Paul W. Leadley. Canopy Photosynthesis of Crops and Native Plant Communities Exposed to Long-Term Elevated CO₂. *Plant, Cell and Environment* 14(1991): 853-860.
- Gallegos, Charles L. Phytoplankton Photosynthesis, Productivity, and Species Composition in a Eutrophic Estuary: Comparison of Bloom and Non-Bloom Assemblages. *Marine Ecology Progress Series* 81(1992): 257-267.
- Gallegos, Charles L., Thomas E. Jordan, and David L. Correll. Event-Scale Response of Phytoplankton to Watershed Inputs in a Subestuary: Timing, Magnitude and Location of Blooms. *Limnology and Oceanography* 37(1992): 813-828.
- Jordan, Thomas E., David L. Correll, Joseph Miklas, and Donald E. Weller. Long-Term Trends in Estuarine Nutrients and Chlorophyll, and Short-Term Effects of Variation in Watershed Discharge. *Marine Ecology Progress Series* 75(1991): 121-132.
- Long, Stephen P. and Bert G. Drake. Photosynthetic CO₂ Assimilation and Rising Atmospheric CO₂ Concentrations, in *Topics in Photosynthesis, Volume 11*, edited by N. R. Baker and H. Thomas. Amsterdam: Elsevier Science Publishers, 1992, 69-103.
- Posey, Martin H. and Anson H. Hines. Complex Predator-Prey Interactions within an Estuarine Benthic Community. *Ecology* 72(1991): 2155-2169.
- Ruiz, Gregory M. Consequences of Parasitism to Marine Invertebrates: Host Evolution? *American Zoology* 31(1991): 831-839.
- Smith, L. David. The Impact of Limb Autotomy on Mate Competition in Blue Crabs *Callinectes sapidus* Rathbun. *Oecologia* 89(1992): 494-501.
- Smucker, Richard A. and Chi K. Kim. Chitinase Activity in Estuarine Waters, in *Microbial Enzymes in Aquatic Environments*, edited by Ryszard J. Chrost. New York: Springer-Verlag, 1991, 249-269.
- Smucker, Richard A. Chitin Primary Production. *Biochemical Systematics and Ecology* 19(1991): 357-369.
- Snow, Allison A. and Timothy P. Spira. Pollen Vigour and the Potential for Sexual Selection in Plants. *Nature* 352(1991): 796-797.
- Vaithyanathan, Panchabi and David L. Correll. The Rhode River Watershed: Phosphorus Distribution and Export in Forest and Agricultural Soils. *Journal of Environmental Quality* 21(1992): 280-288.
- Whigham, Dennis F. and John O'Neill. The Dynamics of Flowering and Fruit Production in Two Eastern North American Terrestrial Orchids, *Tipularia discolor* and *Liparis lilifolia*, in *Population Ecology of Terrestrial Orchids*, edited by T. C. E. Wells and J. H. Willems. The Hague, The Netherlands: SPB Academic Publishing, 1991, 89-101.
- Whigham, Dennis F. and Robert L. Simpson. Annual Variation in Biomass and Production of a Tidal Freshwater Wetland and Comparison with Other Wetland Systems. *Virginia Journal of Science* 43(1992): 5-14.
- Whigham, Dennis F., Ingrid Olmsted, Edgar Cabrera Cano and Mark E. Harmon. The Impact of Hurricane Gilbert on Trees, Litterfall, and Woody Debris in a Dry Tropical Forest in the Northeastern Yucatan Peninsula. *Biotropica* 23(1991): 434-441.

Smithsonian Institution Archives

- Bain, Alan L., editor. "Museum Archives Information Survey, 1991: Official Records, Personal Papers, and Special Collections." July, 1991.
- . "The Muses' Memory." *Museum News* 70 (November/December 1991):36-39.
- , et al. *Recommended Practice for the Requirements and Characteristics of Documents Intended for Optical Scanning*, ANSI/AIIM MS52-1991 (Silver Spring, Maryland: Association for Information and Image Management), December 17, 1991.
- Henson, Pamela M. and Marc E. Epstein. "Digging for Dyar: The Man Behind the Myth." *American Entomologist* 38 (Fall 1992):141-163.
- , and Terri A. Schorzman. "Videohistory: Focusing on the American Past." *Oral History Association Newsletter* 25 (Winter 1992):3-5 and 26 (Spring 1992):8.
- Vogt-O'Connor, Diane L. "Conservation and Archival Description: The Smithsonian Institution Archives and Photographic Survey Project." *The Proceedings of the Imperfect Image, Photographs, Their Past, Present, and Future*. London: The Centre for Photographic Conservation, 1992.
- . "Ethics and Archivists: Special Report on the Results of a Questionnaire Surveying the Profession's Opinion on Decertification." Smithsonian Institution Archives for the Society of American Archivists Ethics Committee, 1992.

Smithsonian Institution Libraries

- Susan Gurney and Marca Woodhams, "Historical research at the Smithsonian's Horticulture Services Division," *The Public Garden* VII (No. 2, Apr. 1992):22-23.
- Nancy E. Gwinn, "The Fragility of Paper: Can our Historical Record Be Saved?," *The Public Historian*, XIII (no. 3):33-53.
- Kay A. Kenyon, *Recommended List of Books and Other Information Resources for Zoo and Aquarium Libraries* 2nd ed. (Washington, D. C.: Smithsonian Institution Libraries, 1991).
- Charles S. Martin, "Preparing a 3-Dimensional Skeletal Reconstruction of a Specimen of the Triassic Theropod *Coelophysis Bauri*," *Journal of Vertebrate Paleontology*, No. 11 (3) Sept. 1991. Abstracts, 45A.
- Nancy L. Matthews. Review. *Law and Government under the Tudors. Essays Presented to Sir Geoffrey Elton, Regius Professor of Modern History in the University of Cambridge on the Occasion of his Retirement* by C. Cross, D. Loades, and J. J. Scarisbrick, eds, in *American Journal of Legal History* XXXVI (1992):210-212.
- Sheila M. Riley. Review. *And the Desert Shall Blossom* by Phyllis Barber in *Library Journal* 116 (16):139 (October 1, 1991).

- . Review. *Finding Balance: Fitness and Training for a Lifetime in Dance* by Gigi Berardi in *Library Journal* 116 (15):76 (September 15, 1991).
- . Review. *Hearts of Glass* by Nicole Jeffords in *Library Journal* 117 (8):116 (May 1, 1992).
- . Review. *Martha Graham: The Evolution of Her Dance. Theory and Training 1926-1991* by Marian Horosko in *Library Journal* 116 (21):148 (December 1991).
- . Review. *Patchwork* by Karen Osborn in *Library Journal* 116 (8):109 (May 1, 1991).
- . Review. *Small Victories* by Sallie Bingham in *Library Journal* 117 (5):123 (March 15, 1992).
- . Review. *The Weight of Winter* by Cathie Pelletier in *Library Journal* 116 (18):133 (November 1, 1991).
- Ruth Schallert. Review. *An Oak Spring Sylva, A Selection of Rare Books on Trees in the Oak Spring Garden* by S. Raphael in *Archives of Natural History* XVIII (Part 3, 1991):409-410.
- Smithsonian Institution Libraries, *The Books of the Fairs. Materials about World's Fairs, 1834-1916, in the Smithsonian Institution Libraries*, with an introductory essay by Robert W. Rydell. Compiled by SIL staff. Chicago: American Library Association, 1992.
- [Smithsonian Institution Libraries], *Catalog of the Library of the National Museum of African Art Branch of the Smithsonian Institution Libraries*, 2 vols. Boston: G. K. Hall & Co., 1991.
- [Smithsonian Institution Libraries], *Smithsonian on Disc. Catalog of the Smithsonian Institution Libraries on CD-ROM*, Boston: G. K. Hall & Co., 1992. CD-ROM.
- Smithsonian Institution Libraries, "World's Fairs". Exhibition brochure, 1992.
- Stephen H. Van Dyk. Review. *Decorative Arts and Household Furnishing in America 1650-1920. An Annotated Bibliography* by K. L. Ames and G. W. R. Ward, eds, in *Newsletter of the Decorative Arts Society, Inc.* I (no. 2, 1992):7-8.
- Ellen B. Wells and Renata Rutledge with John Hyltoft, *Book Collecting and the Care of Books*, rev. ed., Washington, D. C.: Smithsonian Institution Libraries, rev. edn. 1992.
- . "Classics of Equine Veterinary Medicine", *National Sporting Library Newsletter*, No. 33 (Dec. 1991):[4 pp.].

Smithsonian Tropical Research Institute

- Adams, Eldridge S. "Nest-Mate Recognition Based on Heritable Odors in the Termite *Microcerotermes arboreus*." *Proceedings of the National Academy of Sciences* 88: 2031-2034 (1991).
- Adler, Gregory and Seamon, Joshua. "Distribution and Abundance of a Tropical Rodent, the Spiny Rat, on Islands in Panama." *Journal of Tropical Ecology* 7: 349-360 (1991).
- Ahumada, Jorge A. "Grooming Behavior of Spider Monkeys (*Ateles geoffroyi*) on Barro Colorado Island." *International Journal of Primatology* 13(1): 33-49 (1991).

- Aide, T. Mitchell. "Synchronous Leaf Production and Herbivory in Juveniles of *Gustavia superba*." *Oecologia* 88(4): 511-514 (1991).
- Aiello, Annette. "*Adelpha ixia leucas*: immature stages and position within *Adelpha* (Nymphalidae)." *Journal of the Lepidopterists' Society* 45(3): 181-187 (1991).
- . "*Bug Busters: Poison-Free Pest Controls for Your House and Garden*, by Bernice Lifton." (Book review). *Library Journal* 116(1): 110 (1991).
- . "*Bugs, Slugs and Other Thugs: Controlling Garden Pest Organically*, by Rhonda Massingham Hart." (Book review). *Library Journal* 116(12): 127-128 (1991).
- . "*Common Sense Pest Control*, by William Olkowski and others." (Book review). *Library Journal* 116(8): 97 (1991).
- . "Dry Season Strategies of Two Panamanian Butterfly Species, *Anartia fatuma* (Nymphalidae)." In: *Insects of Panama and Mesoamerica: Selected Studies*: 573-575, edited by D. Quintero and Annette Aiello. Oxford: Oxford University Press (1992).
- . "Nocturnal Butterflies in Panama, *Hedylidae* (Lepidoptera: Rhopalocera)." In: *Insects of Panama and Mesoamerica: Selected Studies*: 549-553, edited by D. Quintero and Annette Aiello. Oxford: Oxford University Press (1992).
- . "*Sarapiquí Chronicle: a Naturalist in Costa Rica*, by Allen M. Young." (Book review). *Library Journal* 116(110): 186 (1991).
- . "*Saving Seeds: The Gardener's Guide to Growing and Storing Vegetable and Flower Seeds*, by Marc Rogers" (Book Review). *Library Journal* 116(1): 132 (1991).
- Allen, Gerald R. and Robertson, D. Ross. "Quatre espèces nouvelles d'Opisthognathidae (Jawfishes) du Pacifique oriental tropical." *Revue Française Aquariologie* 18: 47-52 (1991).
- . "Description of Two New Genera and Four New Species of Triplefins (Pisces: Tripterygiidae) from the Tropical Eastern Pacific." *Revue Française Aquariologie* 18(3): 79-82 (1991).
- Anderson, Alun. "The Smithsonian's Tropical Niche." *Nature* 349(6311): 647-648 (1991).
- Andrews, Robin M. "Population Stability of a Tropical Lizard." *Ecology* 72(4): 1204-1217 (1991).
- Arosemena, Fernando A. and Ibáñez D., Roberto. "Geographic distribution: *Hyla angustilineata*." *SSAR Herp. Review* 22(4): 133 (1991).
- Arosemena, Fernando A., Ibáñez D., Roberto and Sousa, Francisca de. "Una Especie Nueva de *Anolis* (Squamata: Iguanidae) del Grupo *latifrons* de Fortuna, Panamá." *Revista de Biología Tropical* 39(2): 255-262 (1991).
- Augsburger, Carol K. "Spatial Patterns of Damping-Off Disease During Seedling Recruitment in Tropical Forests." In: *Pests, Pathogens and Plant Communities*: 131-144, edited by J.J. Burdon and S.R. Leather. Oxford: Blackwell Scientific Publications (1990).
- Baur, Bernhard, Dietz, Karl-Josef and Winter, Klaus. "Partial Purification and Characterization of Phosphoenolpyruvate carboxylase kinase from *Mesembryanthemum crystallinum*." *Plant Physiology Suppl.* 99: 880. (1992).
- Bermingham, Eldridge. "Mitochondrial and the Analysis of Fish Population Structure." In: *Electrophoretic and Isoelectric Focusing Techniques in Fisheries Management*: 197-221, edited by D. Whitmore. Boca Raton: CRC Press (1990).
- Bermingham, Eldridge, Forbes, S.H., Friedland, K. and Pla, C. "Discrimination Between Atlantic Salmon (*Salmo salar*) of North American and European Origin Using Restriction Analyses of Mitochondrial DNA." *Canadian Journal of Fisheries and Aquatic Sciences* 48(5): 884-893 (1991).
- Bowell, Thelma E. and Mitchell, Betsy J. "Comparison of Seed Dispersal by Guenons in Kenya and Capuchins in Panama." *Journal of Tropical Ecology* 7(2): 269-274 (1991).
- Brawn, Jeffrey D. "Environmental Effects on Variation and Covariation in Reproductive Traits of Western Bluebirds." *Oecologia* 96: 193-201 (1991).
- Brindle, Alan and Quintero Arias, Diomedes. "Earwigs of Panama (Dermaptera)." In: *Insects of Panama and Mesoamerica: Selected Studies*: 198-207, edited by D. Quintero and Annette Aiello. Oxford: Oxford University Press. (1992).
- Bush, Mark B. and Whittaker, R.J. "A Revision of Estimates of Bird Colonization on Krakatau." *Journal of Biogeography* 18(5): 585 (1991).
- Camargo, João and Roubik, David. "Systematics and bionomics of the apoid obligate necrophages: the *Trigona hypogaea* group (Hymenoptera: Apidae; Meliponinae)." *Biological Journal of the Linnean Society* 44: 13-39 (1991).
- Cambra T., Roberto and Quintero Arias, Diomedes. "Velvet Ants of Panama: Distribution and Systematics (Hymenoptera: Mutillidae)." In: *Insects of Panama and Mesoamerica: Selected Studies*: 459-478, edited by D. Quintero and Annette Aiello. Oxford: Oxford University Press. (1992).
- Carlson, D.A., Roubik, David W. and Milstrey, K. "Distinctive Hydrocarbons Among Giant Honey Bees, the *Apis dorsata* group (Hymenoptera: Apidae)." *Apidologie* 22: 169-181 (1991).
- Castro, Gonzalo, Myers, J.P. and Ricklefs, R.E. "Ecology and Energetics of Sanderlings Migrating to Four Latitudes." *Ecology* 73(3): 833-844. (1992).
- Chen, Cheng-Ping, Lee Jr., Richard E. and Denlinger, David L. "A Comparison of the Responses of Tropical and Temperate Flies (Diptera: Sarcophagidae) to Cold and Heat Stress." *Journal of Comparative Physiology B* 160: 543-547 (1991).
- Choe, Jae C. "Zoraptera of Panama with a Review of the Morphology, Systematics, and Biology of the Order." In: *Insects of Panama and Mesoamerica: Selected Studies*: 249-256, edited by D. Quintero and Annette Aiello. Oxford: Oxford University Press. (1992).
- Choe, Jae C. and Kim, Ke Chung. "Microhabitat Selection and Adaptation of feather Mites (Acari: Analgoidea) on Murres and Kittiwakes." *Canadian Journal of Zoology* 69(3): 817-821 (1991).
- Christy, John H. and Salmon, Michael. "Comparative Studies of Reproductive Behavior in Mantis Shrimps and Fiddler Crabs." *American Zoologists* 31: 329-337 (1991).

- Coates, Anthony G., Jackson, Jeremy B.C., Collins, Laurel S., et al. "Closure of the Isthmus of Panama: The Near-Shore Marine Record of Costa Rica and Western Panama." *Geological Society of America Bulletin* 104: 814-828. (1992).
- Coffroth, Mary A. "Cyclical Mucous Sheet Formation on Poritid Corals in the San Blas Islands, Panama." *Marine Biology* 109(1): 35-40 (1991).
- Coley, Phyllis D. and Aide, T. Mitchell. "Comparison of Herbivory and Plant Defenses in Temperate and Tropical Broad-Leaved Forests." In: *Plant-Animal Interactions: Evolutionary Ecology in Tropical and Temperate Regions*: 25-49, edited by P.W. Price, T.M. Lewinsohn, G.W. Fernandes and W.W. Benson. New York: John Wiley and Sons (1991).
- Colinvaux Paul A. "A Model for The Selective Advantage of Intelligence to Breeding Females." *Evolutionary Theory* 10: 15-32 (1991).
- . "The World's Genetic Libraries." *Nature* 356: 625-626. (1992).
- . "A Commentary on: Paleocological Background-Neotropics." *Climatic Change* 19(1-2): 49-51 (1991).
- Collins, Laurel S. "Regional versus Physiographic Effects on Morphologic variability within *Bulimina aculeata* and *B. marginata*." *Marine Micropaleontology* 17: 155-170 (1991).
- . "The Correspondence Between Water Temperature and Coiling Direction in *Bulimina*." *Paleoceanography* 5(3): 289-294 (1991).
- Condit, Richard and Hubbell, Stephen P. "Abundance and DNA Sequence of Two-Base Repeat Regions in Tropical Tree Genomes." *Genome* 34: 66-71 (1991).
- Condit, Richard, Hubbell, Stephen P. and Foster, Robin B. "Dynamics and Equilibrium Status of a Neotropical Forest Over One Decade." In: *Annual Meeting of the Association for Tropical Biology held at the AIBS, Annual Meeting of Scientific Societies; San Antonio, Texas, USA, August 4-8, 1991*: No pagination (1991).
- Cooke, Richard. "El Período Precolombino." In: *Visión de la Nacionalidad Panameña, Simposio Celebrado el 6 de Julio de 1991 en el Teatro "La Huaca" (ATLAPA), Panamá*: 2-10. Panamá: Instituto Latinoamericano de Estudios Avanzados (1991).
- . "Prehistoric Nearshore and Littoral Fishing in the Eastern Tropical Pacific: An Ichthyological Evaluation." *Journal of World Prehistory* 6(1): 1-49. (1992).
- Cooke, Richard C. and Ranere, Anthony. "The Origin of Wealth and Hierarchy in the Central Region of Panama (12,000-2,000 BP), with Observations on its Relevance to the History and Phylogeny of Chibchan-Speaking Peoples in Panama and Elsewhere." In: *Wealth and Hierarchy in the Intermediate Area*: 243-316, edited by F.W. Lange. Washington D.C. Dumbarton Oaks.
- Correa, Mireya D. "Bosques Tropicales: Nuestra Herencia Biológica." *Revista del IV Congreso Nacional y I Centroamérica Sur de Productores de Seguros, 11, 12, 13 de Octubre de 1990*: 41 (1991).
- Craig, Catherine L. "Physical Constraints on Group Foraging and Social Evolution: Observations on Web-Spinning Spiders." *Functional Ecology* 5(5): 649-654 (1991).
- Craig, Catherine L. and Freeman, Corey R. "Effects of Predator Visibility on Prey Encounter: A Case Study on Aerial Web Weaving Spiders." *Behavioral Ecology and Sociobiology* 29(4): 249-254 (1991).
- D'Croz, Luis. "Effects of Climatic Changes in the Coral Reefs of the South-East Pacific." In: *Regional Seas, Unep Regional Reports and Studies No. 134*: 149-156 (1991).
- D'Croz, Luis, Del Rosario, Juan B. and Gómez, Juan A. "Upwelling and Phytoplankton in the Bay of Panama." *Revista de Biología Tropical* 39(2): 233-241 (1991).
- Davidson, Diane W., Foster, Robin B., Snelling, Roy R. and Lozada, Pedro W. "Variable Composition of Some Tropical Ant-Plant Symbioses." In: *Plant-Animal Interactions: Evolutionary Ecology and Temperate Regions*: 145-161. Edited by P.W. Price, T.M. Lewinsohn, G.W. Fernandes and W.W. Benson. New York: John Wiley (1991).
- Davis, William James and Graham, Douglas J. "The Influence of Food on Reproductive Strategies in a Monogamous Kingfisher (*Chloroceryle amazona*)." *The Auk* 108(4): 780-789 (1991).
- Denlinger, David L., Tanaka, Seiji, Downes, William L., Wolda, Henk and Guardia, Modesto. "Does Lack of Diapause Result in Less Insect Seasonality?" *Oecologia* 87: 152-154 (1991).
- DeVries, Philip J. "Call Production by Myrmecophilous Riordinid and Lycaenid Butterfly Caterpillars (Lepidoptera): Morphological, Acoustical, Functional, and Evolutionary Patterns." *American Museum Novitates*, No. 3025, Nov. 26: 1-23 (1991).
- . "Evolutionary and Ecological Patterns in Myrmecophilus Riordinid Butterflies." In: *Between Ants and Plants*: 143-156, edited by C. Huxley, and D. Cutler. Oxford University Press (1991).
- . "Mutualism Between *Thise irenea* Butterflies and Ants, and the Role of Ant Ecology in the Evolution of Larval-Ant Associations." *Biological Journal of the Linnean Society* 43: 179-195 (1991).
- Dressler, Robert L. and Salazar, Gerardo A. "Viscarium, a Term for the Glue-bearing Area of the Rostellum." *Orchid Research Newsletter* 17: 11-12 (1991).
- Dudley, Robert. "Biomechanics of Flight in Neotropical Butterflies: Aerodynamics and Mechanical Power Requirements." *Journal of Experimental Biology* 159: 335-357 (1991).
- . "Comparative Biomechanics and Evolutionary Diversification of Flying Insect Morphology." In: *The Unity of Evolutionary Biology: Proceedings of the Fourth International Congress on Systematic and Evolutionary Biology*: 503-514, edited by E. Dudley. Portland: Dioscorides Press (1991).
- . "Thermoregulation in Unpalatable Danaine Butterflies." *Functional Ecology* 5: 503-506 (1991).
- Dudley, Robert and Gans, C. "A Critique of Symmorphosis and Optimality Models in Physiology." *Physiological Zoology* 64: 627-637 (1991).
- Dudley, Robert and Milton, Katharine. "Parasite Deterrence and the Energetic Costs of Slapping in Howler Monkeys,

- Alouatta palliata*." *Journal of Mammalogy* 71(3): 463-465 (1991).
- Dudley, Robert and Rand, Stanley. "Sound Production and Vocal Sac Inflation in the Túngara Frog, *Physalaemus pustulosus* (Leptodactylidae)." *Copeia* 2: 460-470 (1991).
- Dudley, Robert and Vermeij, G.J. "Do the Power Requirements of Flapping Flight Constrain Folivory in Flying Animals?" *Functional Ecology* 6: 101-104 (1992).
- Dudley, Robert, King V., Ann and Wassersug, Richard J. "The Implications of Shape and Metamorphoses for Drag Forces on a Generalized Pond Tadpole (*Rana catesbeiana*)." *Copeia* 1991: 240-245 (1991).
- Duke, Norman C. "A Systematic Revision of the Mangrove Genus *Avicennia* (Avicenniaceae) in Australasia." *Australian Systematic Biology* 4: 299-324 (1991).
- . "Nypa in the Mangroves of Central America: Introduced or Relict?" *Principes* 35(3): 127-132 (1991).
- . "Study of Mangrove Recovery—Panama." *Newsletter of the International Society for Mangrove Ecosystems* 3: 5 (1991).
- Duke, Norman and Pinzón M., Zuleika S. "Mangrove Forests." In: *Long-Term Assessment of the Oil Spill at Bahía Las minas, Panama: Interim Report, Volume II: Technical Report: 153-177*, edited by B.D. Keller and J.B.C. Jackson. New Orleans, OCS Study MMS 90-0031, U.S. Department of the Interior, Minerals Management Service, Gulf of Mexico OCS Regional Office (1991).
- . "Aging *Rhizophora* Seedlings from Leaf Scar Nodes: A Technique for Studying Recruitment and Growth in Mangrove Forests." *Biotropica* 24(2a): 173-186 (1992).
- Durán L., Ovidio and Moreno H., Víctor, E. "Determinación del Grado de Heterocigosidad Genética de las Abejas Africanizadas (Hymenoptera: Apidae) en la República de Panamá. Thesis, Panamá: Universidad de Panamá (1991).
- Eberhard, William G. "Artificial Insemination can Appropriate Stimulation Improve Success Rates? *Medical Hypotheses* 36(2): 152-154 (1991).
- . "*Chrosiothes tonala* (Araneae, Theridiidae): A Web-Building Spider Specializing on Termites." *Psyche* 98: 7-19 (1991).
- . "Copulatory Courtship and Cryptic Female Choice in Insects." *Revista de Biología Tropical* 66: 1-31 (1991).
- . "Insect Defenses." (Book Review). *Journal of Insect Behavior* 4: 410-411 (1991).
- . "Notes on the Natural History of *Wendilgarda galapagensis* (Araneae, Theridiosomatidae)." *Bulletin of the British Arachnological Society* 8: 246-248 (1991).
- Eberhard, William G. and Gutiérrez, E. "Dimorphism Among Males of Horned Beetles and Earwigs and the Question of Developmental Constraints." *Evolution* 45: 18-28 (1991).
- Enstrom, David A. "Delayed Plumage Maturation in the Orchard Oriole (*Icterus spurius*): Tests of Winter Adaptation Hypotheses." *Behavioral Ecology and Sociobiology* 30: 35-42 (1992).
- Fernández, Idalia and Zapata, Pedro. 1991. Nutrición de Larvas de *Mithrax spinosissimus* (Lamarck) en Aguas Panameñas del Caribe. Tesis, Facultad de Ciencias Naturales y Exactas, Panamá: Universidad de Panamá.
- Fincke, Ola M. "Behavioural Ecology of the Giant Damselflies of Barro Colorado Island, Panama (Odonata: Zygoptera: Pseudotigmatidae)." In: *Insects of Panama and Mesoamerica: Selected Studies: 102-103*, edited by D. Quintero and Annette Aiello. Oxford: Oxford University Press. (1992).
- . "Consequences of Larval Ecology for Territoriality and Reproductive Success of a Neotropical Damselfly." *Ecology* 73(2): 449-462 (1992).
- . "Interspecific Competition for Tree Holes: Consequences for Mating Systems and Coexistence in Neotropical Damselflies." *The American Naturalist* 139(1): 80-101 (1992).
- Fisher, Brian, Howe, Henry F. and Wright, S. Joseph. "Survival and Growth of *Virola surinamensis* Yearlings: Water Augmentation in Gap and Understory." *Oecologia* 86: 292-297 (1991).
- Fisher, Eric M. and Hespenheide, Henry A. "Taxonomy and Biology of Central American Robber Flies with an Illustrated Key to Genera (Diptera: Asilidae)." In: *Insects of Panama and Mesoamerica: Selected Studies: 611-632*, edited by D. Quintero and Annette Aiello. Oxford: Oxford University Press. (1992).
- Forget, Pierre-Michel and Milleron, Tarek. "Evidence for secondary seed dispersal by rodents in Panama." *Oecologia* 87: 596-599 (1991).
- Foster, Robin B. "Long-Term Change in the Successional Forest Community of the Rio Manu Floodplain Peru." In: *Four Neotropical Rainforests; Meeting of the American Institute of Biological Sciences, Columbus, Ohio, USAm August 10-12: 565-572* (conference paper) edited by A.H. Gentry (1991).
- . "The Floristic Composition of the Rio Manu Floodplain Forest." In: *Four Neotropical Rainforests; Meeting of the American Institute of Biological Sciences, Columbus, Ohio, USAm August 10-12: 99-111* (conference paper) edited by A.H. Gentry (1991).
- Franks, Nigel, Gómez, Nérida, Goss, S. and Deneubourg, J.L. "The Blind Leading the Blind in Army Ant and Raid Patterns: Testing a Model of Self-Organization (Hymenoptera: Formicidae)." *Journal of Insect Behaviour* 4(5): 583-607 (1991).
- Gardner, Alfred L., Handley Jr., Charles O. and Wilson, Don E. "Survival and Relative Abundance." In: *Demography and Natural History of the Common Fruit Bat, Artibeus jamaicensis, on Barro Colorado Island, Panamá: 53-75*, edited by C.O. Handley Jr., D.E. Wilson and A.L. Gardner. Washington D.C.: Smithsonian Contributions to Zoology, No. 511 (1991).
- Gibbs, James P. "Avian Nest Predation in Tropical Wet Forest: An Experimental Study." *Oikos* 60(2): 155-161 (1991).
- Glynn, Peter W. "Coral Bleaching in the 1980s and Possible Connections with Global Warming." *Trends in Ecology and Evolution* 6(6): 175-179 (1991).
- Glynn, Peter W. and De Weerd, W.H. "Elimination of Two Reef-Building Hydrocorals Following the 1982-83 El Niño Warming Event." *Science* 253(5015): 69-71 (1991).

- Glynn, Peter W., Gassman, N.J., Eakin, C.M., Cortes, J., Smith, D.B. and Guzman, H.M. "Reef Coral Reproduction in the Eastern Pacific: Costa Rica, Panama, and Galapagos Islands (Ecuador)." *Marine Biology* 109(3): 355-368 (1991).
- Goldstein, David L. and Smith, Neal G. "Response to Kirkley." *Journal of Raptor Research* 25(3): 87-88 (1991).
- Gómez Z., Adalberto. Efectos Directos de Nemátodos en Avispas Polinizadoras de *Ficus citrifolia* y Efectos Indirectos en sus Frutos. Tesis, Universidad de Panamá (1991).
- González, Eric E. and Harris, L. "A Preliminary Study on the Polychaete Fauna on Some Beaches in Panama City, Panama." In: *Third International Polychaete Conference Held at California State University, Long Beach, California August 6-11, 1989*: 587 (Abstract) (1991).
- Gupta, Mahabir P., Gómez, Néida E., Santana, Ana I., Solís, Pablo N. and Palacios, Graciela. "Actividad Antimicrobiana de Algunas Algas de la Costa Atlántica Panameña." *Revista Médica de Panamá* 16(1): 64-68 (1991).
- Guzmán, Héctor M. "Restoration of Coral Reefs in Pacific Costa Rica." *Conservation Biology* 5(2): 189-195 (1991).
- Guzmán, Héctor M. and López, Juan Diego. "Diet of the Corallivorous Pufferfish *Arothron meleagris* (Pisces: Tetraodontidae) at Gorgona Island, Colombia." *Revista de Biología Tropical* 39(2): 203-206 (1991).
- Guzmán, Héctor M., Jackson, Jeremy B.C. and Weil, Ernesto. "Short-term Ecological Consequences of a Major Oil Spill on Panamanian Subtidal Reef Corals." *Coral Reefs* 10: 1-12 (1991).
- Guzmán, Héctor, Robertson, D. Ross and Díaz, Marco L. "Distribución y Abundancia de Corales en el Arrecife del Refugio de Isla Iguana, Pacífico de Panamá." *Revista de Biología Tropical* 39(2): 225-231 (1991).
- Hamrick, James L. and Murawski, Darlyne A. "Levels of Allozyme Diversity in Populations of Uncommon Neotropical Tree Species." *Journal of Tropical Ecology* 7(3): 395-399 (1991).
- Hamrick, James L., Godt, M.J.W., Murawski, D.A. and Loveless, M.D. "Correlations Between Species Traits and Allozyme Diversity Implications for Conservation Biology." In: *Genetics and Conservation of Rare Plants*: 75-86, edited by D.A. Falk and K.E. Holsinger. New York: Oxford University Press (1991).
- Handley, Jr., Charles O. and Leigh, Jr., Egbert G. "Diet and Food Supply." In: *Demography and Natural History of the Common Fruit Bat, Artibeus jamaicensis, on Barro Colorado Island, Panamá*: 147-149 (1991).
- Handley, Jr., Charles O. and Morrison, Douglas W. "Foraging Behavior." In: *Demography and Natural History of the Common Fruit Bat, Artibeus jamaicensis, on Barro Colorado Island, Panamá*: 137-140 (1991).
- Handley, Jr., Charles O., Gardner, Alfred L. and Wilson, Don E. "Food Habits." In: *Demography and Natural History of the Common Fruit Bat, Artibeus jamaicensis, on Barro Colorado Island, Panamá*: 141-146 (1991).
- Handley Jr., Charles O., Wilson, Don E. and Gardner, Alfred L. "Introduction." In: *Demography and Natural History of the Common Fruit Bat, Artibeus jamaicensis, on Barro Colorado Island, Panamá*. *Smithsonian Contributions to Zoology* 511: 1-7 (1991).
- . "Movements." In: *Demography and Natural History of the Common Fruit Bat, Artibeus jamaicensis, on Barro Colorado Island, Panamá*: 89-130, edited by C.O. Handley Jr., D.E. Wilson and A.L. Gardner. Washington D.C.: Smithsonian Contributions to Zoology, No. 511 (1991).
- . "Demography and Natural History of the Common Fruit Bat, Artibeus jamaicensis, on Barro Colorado Island, Panamá." *Smithsonian Contributions to Zoology* 511: 1-7. (Introduction).
- Handley, Jr., Charles O., Wilson, Don E. and Gardner, Alfred L. (editors) "Demography and Natural History of the Common Fruit Bat, Artibeus jamaicensis, on Barro Colorado Island, Panamá." *Smithsonian Contributions to Zoology* 511: 1-173 (1991).
- Herbert, Thomas "Variation in Interception of the Direct Solar Beam by Top Canopy Layers." *Ecology* 72(1): 17-22. (1991).
- Herrera, A. and Jackson, Jeremy B.C. "Environmental versus Taxonomic Variation in Iophophore Morphology of Panamanian Cheilostome Byozoans." *Marine Biology* 112(1): 99-106 (1992).
- Herrera, Heraclio. Plantas Usadas en la Medicina Tradicional en el Oeste de Kuna Yala (San Blas), Panamá. Tesis, Panamá: Universidad de Panamá (1991).
- Hewett, S.W., Welden, C.W., Hubbell, Stephen P. and Foster, Robin B. "Canopy-Height Dynamics and the Size Distribution of Canopy Openings on Barro Colorado Island, Panama." *Bulletin of the Ecological Society of America* 72(Supp.2) 141 (1991).
- Hogan, Kevin P., Smith, A.P. and Ziska, L.H. "Potential effects of elevated CO₂ and changes in temperature on tropical plants." *Plant, Cell and Environment* 14: 763-778 (1991).
- Hubbell, Stephen P. and Foster, Robin B. "Structure Dynamics and Equilibrium Status of Old-Growth Forest on Barro Colorado Island, Panama." In: *Four Neotropical Rainforests; Meeting of the American Institute of Biological Sciences, Columbus, Ohio, USA August 10-12*: 522-541 (conference paper) edited by A.H. Gentry (1991).
- . "The Fate of Juvenile Trees in a Neotropical Forest Implications for the Natural Maintenance of Tropical Tree Diversity." In: *Reproductive Ecology of Tropical Forest Plants; Meeting, Bangi, Malaysia, June 8-12, Man and the Biosphere Series, Vol 7*: 317-342 (1991).
- Hubbell, Stephen P., Gullison R., Condit, Richard and Foster, Robin B. "The Interaction of Mortality and Growth Rates in Neotropical Trees." *Bulletin of the Ecological Society of America* 72(Suppl2): 146 (1991).
- Ibáñez D., Roberto, Jaramillo, César A., Solís, F.A. and Jaramillo, F.E. "Geographic distribution: *Hyla fimbriemembra*. *SSAR Herp. Review* 22: 133-134 (1991).
- Ibáñez D., Roberto. Synchronized Calling in *Centrolenella granulosa* and *Smilisca sila* (Amphibia, Anura). Ph.D. Thesis, University of Connecticut (1991).

- Ineich, Ivan and Zug, George R. "Nomenclatural Status of *Emoia cyanura* (Lacertilia, Scincidae) Populations in the Central Pacific." *Copeia* 1991(1): 1132-1135 (1991).
- Jackson, Jeremy B.C. "Adaptation and Diversity of Reef Corals." *BioScience* 41(7): 475-482 (1991).
- Jackson, Jeremy B.C. and Cheetham, Alan H. "Bryozoan Morphological and Genetic Correspondence: What Does It Prove?" [Response to Jeffrey Levinton] *Science* 251: 318-319 (1991).
- Jing, San W., Kursar, Thomas A. and Coley, Phyllis. "Leaf Longevity and Phenolic Content in three Neotropical Genera." *Supplement to American Journal of Botany (Abstracts)* 78(6): Abstract 148 (1991).
- Jop, K.M., Foster, Robin B. and Askew, A.M. "Factors Affecting the Toxicity Identification Evaluation the Role of Source Water Used in Industrial Processes." In: *Aquatic Toxicology and Risk Assessment: Fourteenth Volume*: 84-93, edited by M. Mayes and M.G. Barron (1991).
- Jop, K.M., Kendall, T.Z. Askew, A.M. and Foster, Robin B. "Use of Gractination Procedures and Extensive Chemical analysis for Toxicity Identification of a Chemical Plant Effluent." *Environmental Toxicology and Chemistry* 10(8): 981-990 (1991).
- Joyce, Christopher. "A Crane's Eye View of Tropical Forests." *New Scientist*, 21 September 1991: 40-42 (1991).
- Jung, Iris and Klaus Winter. Mineral Nutrient Deficiency Increases the Sensitivity of Photosynthesis to Sulphur Dioxide in Needles of a Coniferous Tree *Abies nordmanniana*. *Oecologia* 90: 70-73 (1992).
- Karr, James R., Dionne, Michele and Schlosser, Isaac. "Bottom-Up versus Top-Down Regulation of Vertebrate Populations: Lessons from Birds and Fish." In: *Effects of Resource Distribution of Animal-Plant Interactions*: Chap. 9. San Diego: Academic Press (1992).
- Kato, Makoto, Roubik, David W. and Inoue, Tamiji. "Foraging Behavior and Concentration Preference of Male Euglossine Bees (Apidae: Hymenoptera)." *Tropics* 1(4): 259-264. (1992).
- Keller, Brian D. and Jackson, Jeremy B.C. (eds.). *Long-term Assessment of the Oil Spill at Bahía Las Minas, Panama Interim Report. Volume I: Executive Summary*. New Orleans: U.S. Department of the Interior, Minerals Management Service, Gulf of Mexico OCS Regional Office. 48p (1991).
- . *Long-term assessment of the Oil Spill at Bahía Las Minas, Panama Interim Report. Volume II: Technical Report*. New Orleans: U.S. Department of the Interior, Minerals Management Service, Gulf of Mexico OCS Regional Office, 450p.
- Keller, Michael, Mitre, Martin E. and Stallard, Robert F. "Consumption of Atmospheric Methane in Soils of Central Panama: Effects of Agricultural Development." *Global Biogeochemical Cycles* 4(1): 21-27 (1990).
- Kimsey, Lynn Siri. "Biogeography of the Panamanian Region, from an Insect Perspective." In: *Insects of Panama and Mesoamerica: Selected Studies*: 14-24, edited by D. Quintero and Annette Aiello. Oxford: Oxford University Press (1992).
- King, David A. "Correlations Between Biomass Allocation, Relative Growth-Rate and Light Environment in Tropical Forest Saplings." *Functional Ecology* 5(4): 485-492 (1991).
- . "The Adaptive Significance of Tree Height." *The American Naturalist* 135(6): 809-828 (1991).
- . "Tree Allometry, Leaf Size and Adult Tree Size in Old-Growth Forests of Western Oregon." *Tree Physiology* 9: 369-381 (1991).
- . "Tree Size." *National Geographic Research and Exploration* 7(3): 342-351 (1991).
- Kirkpatrick, Mark and Ryan, Michael J. "The Evolution of Mating Preferences and the Paradox of the Lek." *Nature* 350(6313): 33-38 (1991).
- Knowlton, Nancy, Weil, Ernesto, Weight, Lee, and Guzmán, Hector. "Sibling Species in *Montastraea annularis*, Coral Bleaching, and the Coral Climate Record." *Science* 255: 330-333 (1992).
- Königer, Martina and Winter, Klaus. "Carotenoid Composition and Photon-Use Efficiency of Photosynthesis in *Gossypium hirsutum* L. Grown Under Conditions of Slightly Suboptimum Leaf Temperatures and High Levels of Irradiance." *Oecologia* 87: 349-356 (1991).
- Kursar, Thomas A. and Coley, Phyllis D. "Nitrogen Content and Expansion Rate of Young Leaves of Rain Forest Species: Implications for Herbivory." *Biotropica* 23(2): 141-150 (1991).
- . "Photosynthetic Induction Times in Shade Tolerant Species with Long and Short-Lived Leaves." *Supplement to American Journal of Botany (Abstracts)* 78(6): Abstract 154 (1992).
- LaFrankie, James V. "Portraits of the Rain Forest." (Books review). *Ecology* 72(4): 1522-1524 (1991).
- LaFrankie, Jr., James V. and Chan, H.T. "Confirmation of Sequential Flowering in *Shorea* (Dipterocarpaceae)." *Biotropica* 23(2): 200-203 (1991).
- Landrum, Leslie R. "Chamguava: A New Genus of Myrtaceae (Myrtinae) from Mesoamerica." *Systematic Botany* 16(1): 21-29 (1991).
- Lasker, H.R. and Coffroth, Mary A. "Population Dynamics and Genetic Population Structure of a Gorgonian Coral: Do Multiyear Studies Characterize Longer Time Scale Dynamics?" *American Society of Zoologists* 31(5): Abstract 248 (1991).
- Lavin, Matt, Mathews, Sarah and Hughes, Colin. "Chloroplast DNA Variation in *Gliricidia sepium* (Leguminosae): Intraspecific Phylogeny and Tokogeny." *American Journal of Botany* 78(1): 1576-1585 (1990).
- Lees, David C. and Smith, Neal G. "Foodplant Associations of the Uraniinae (Uraniidae) and their Systematic, Evolutionary, and Ecological Significance." *Journal of the Lepidopterists' Society* 45(4): 296-347 (1991).
- Leigh, Jr., Egbert Giles. "Genes, Bees and Ecosystems: the Evolution of a Common Interest among Individuals." *Trends in Ecology and Evolution* 6(8): 257-262 (1991).
- . "Tree Shape and Leaf Arrangement: a Quantitative Comparison of Montane Forests, with Emphasis on

- Malaysia and South India." In: *Conservation in Developing Countries: Problems and Prospects. Proceedings of the Centenary Seminar of the Bombay Natural History Society*: 119-174. Bombay: Oxford University Press (1990).
- Leigh, Jr., Egbert G. and Handley, Jr., Charles O. "Population Estimates." In: *Demography and Natural History of the Common Fruit Bat, Artibeus jamaicensis, on Barro Colorado Island, Panamá*: 77-87, edited by C.O. Handley Jr., D.E. Wilson and A.L. Gardner. Washington D.C.: Smithsonian Contributions to Zoology, No. 511 (1991).
- León-González, Jesús Angel de. "Dos Serpúlidos Nuevos para el Pacífico Mexicano y Duplicidad Opercular en *Hydroides crucigerus* (Polychaeta: Serpilidae)." *Revista de Biología Tropical* 38(2A): 335-338 (1990).
- Lessios, Harilaos A. "Presence and Absence of Monthly Reproductive Rhythms among Eight Caribbean Echinoids off the Coast of Panama." *Journal of Experimental Biology and Ecology* 153: 27-47 (1991).
- . "Testing Electrophoretic Data for Agreement with Hardy-Weinberg Expectations." *Marine Biology* 112: 517-523 (1992).
- Linares, Olga F. *Power, Prayer and Production: The Jola of Casamance, Senegal*. Cambridge: Cambridge Studies in Social and Cultural Anthropology (1991).
- . "Transformations in African Marriage, by D. Parkin and D. Nyamwaya, eds." (Book Review). *African Studies Review* 34(2): 156-158 (1991).
- Losos, Jonathan B. The Evolution of Form and Function: Morphology and Locomotor Performance in West Indian *Anolis*." *Evolution* 44(5): 1189-1203 (1990).
- Losos, Jonathan B., Andrews, Robin M., Sexton, Owen J. and Schuler, Alexis L. "Behavior, Ecology, and Locomotor Performance of the Giant Anole, *Anolis frenatus*." *Caribbean Journal of Science* 27(3-4): 173-179 (1991).
- Loye, Jenella E. "Ecological Diversity and Host Plant Relationships of Treehoppers in a Lowland Tropical Rainforest (Homoptera: Membracidae and Nicomiidae)." In: *Insects of Panama and Mesoamerica: Selected Studies*: 280-289, edited by D. Quintero and Annette Aiello. Oxford: Oxford University Press (1992).
- Lubin, Yael D. "Patterns of Variation in Female-Biased Colony Sex Ratios in a Social Spider." *Biological Journal of the Linnean Society* 43(4): 297-311 (1991).
- Manasse, Robin S. "Seed Size and Habitat Effects on the Water-Dispersed Perennial *Crinum erubescens* (Amaryllidaceae)." *American Journal of Botany* 77(October): 1336-1341 (1991).
- Manasse, Robin S. and Pinney, Katherine Pinney. "Limits to Reproductive Success in a Partially self-Incompatible Herb: Fecundity Depression at Serial Life-Cycle Stages." *Evolution* 45(3): 712-720 (1991).
- Manasse, Robin S. and Stanton, Maureen L. "The Influence of the Mating System on Seed Size Variation in *Crinum erubescens* (Amaryllidaceae)." *Evolution* 45(4): 883-890 (1991).
- Marino, Paul C. and Salazar Allen, Noris. "The Influence of Light Gaps and Degree of Exposure on the Species composition of epiphyllous Bryophytes Growing on Two Species of Understory Shrub in a Lowland Tropical Moist Forest in Panama." *Supplement to American Journal of Botany (Abstracts)* 78(6): Abstract 19 (1991).
- McClern, Deedra. "Locomotion, Posture, and Feeding Behavior of Kinkajous, Coatis, and Racoons." *Journal of Mammalogy* 73(2): 245-261 (1992).
- . "The Rise and Fall of a Mutualism? Coatis, Tapirs, and Ticks on Barro Colorado Island, Panama." *Biotropica* 24(2A): 220-222 (1992).
- Mielke, Wolfgang. "A New Species of *Psammotopa* (Copepoda) from the Pacific Coast of Panama." *Crustaceana* 59(1): 69-75 (1990).
- . "*Zausodes septimus* Lang, 1965 und *Enhydrosoma pericoense* nov. spec., zwei benthische Ruderfußkrebse (Crustacea, Copepoda) aus dem Eulitoral von Panamá." *Microfauna Marine* 6: 139-156 (1990).
- Milton, Katharine. "Leaf Change and Fruit Production in Six Neotropical Maraceae Species." *Journal of Ecology* 79: 1026 (1991).
- . "Pectic Substances in Neotropical Plant Parts." *Biotropica* 23(1): 90-92 (1991).
- Molofsky, J. and Augspurger, Carol K. "The Effect of Leaf Litter on Early Seedling Establishment in a Tropical Forest." *Ecology* 73(1): 68-77 (1992).
- Monge-Nájera, Julián. "Clicking Butterflies, *Hamadryas*, of Panama: Their Biology and Identification (Lepidoptera: Nymphalidae)." In: *Insects of Panama and Mesoamerica: Selected Studies*: 567-572, edited by D. Quintero and Annette Aiello. Oxford: Oxford University Press (1992).
- Monge Nájera, Julián and Hernández, F. "A Morphological Search for the Sound Mechanism of *Hamadryas* Butterflies." *Journal of Research on the Lepidoptera* (1991).
- Morrison, Douglas W. and Handley, Jr., Charles O. "Roosting Behavior." In: *Demography and Natural History of the Common Fruit Bat, Artibeus jamaicensis, on Barro Colorado Island, Panamá*: 131-135, edited by C.O. Handley Jr., D.E. Wilson and A.L. Gardner. Washington D.C.: Smithsonian Contributions to Zoology, No. 511 (1991).
- Motta, Jorge. "Centro de Investigaciones y Conferencias Earl Silas Tupper." *Revista Médica de Panamá* 17(2): 150-151.
- Moynihan, Martin H. "Structures in Animal Communication." In: *Man and Beast Revisited*: 193-202, edited by Michael H. Robinson and Lionel Tiger. Washington: Smithsonian Institution Press. (199).
- Mulkey, Stephen S., Smith, Alan P. and Wright, S. Joseph. "Comparative Life History and Physiology of Two Understory Neotropical Herbs." *Oecologia* 88: 263-273 (1991).
- Mulkey, Stephen S., Wright, S. Joseph and Smith, Alan P. "Drought Acclimation of an Understory Shrub (*Ptychotria limonensis*; Rubiaceae) in a Seasonality Dry Tropical Forest in Panama." *American Journal of Botany* 78(4): 579-587 (1991).

- Murawski, Darlene A. and Hamrick, James L. "The Effect of the Density of Flowering Individuals on the Mating Systems of Nine Tropical Tree Species." *Heredity* 67(2): 167-174 (1991).
- Myers, Charles W. and Donnelly, Maureen A. "The Lizard Genus *Sphenomorphus* (Scincidae) in Panama, with Descriptions of a New Species." *American Museum Novitates* 3027: 1-12 (1991).
- Nelson, C.R., Jorgensen, C.D., Black, H.L. and Whiting, J. "Maintenance of Foraging Trails by the Giant Tropical and *Paraponera clavata* (Insecta: Formicidae: Ponerinae)." *Insectes Sociaux* 38(3): 221-228 (1991).
- Petersen, Christopher W. "Sex Allocation in Hermaphroditic Sea Bases." *American Naturalist* 138(3): 650-667 (1991).
- Piperno, Dolores. "The Status of Phytolith Analysis in the American Tropics." *Journal of World Prehistory* 5(2): 155-191 (1991).
- Piperno, Dolores R., Bush, Mark B. and Colinvaux, Paul A. "Paleoecological Perspectives on Human Adaptation in Central Panama. I. The Pleistocene." *Gearchaeology* 6: 201-226 (1991).
- . "Paleoecological Perspectives on Human Adaptation in Central Panama. II The Holocene." *Gearchaeology* 1991 6: 227-250 (1991).
- Poinar, Jr., George O. and Herre, Edward A. "Speciation and Adaptive Radiation in the Fig Wasp Nematode, *Parasitodiplogaster* (Diplogasteridae: Rhabditida) in Panama." *Revue Nématologie* 14(3): 361-374 (1991).
- Quintero Diomedes and Aiello, Annette (Editors). *Insects of Panama and Mesoamerica: Selected Studies*. Oxford: Oxford University Press (1992).
- Ranere, Anthony J. and Cooke, Richard G. "Paleoindian Occupation in the Central American Tropics." In: *Clovis: Origins and Adaptations*: 237-253, edited by Robson Bonnicksen and Karen L. Turnmire. Corvallis, Oregon: Center for the Study of the First Americans (1991).
- Rider, D.A. "Rhyscephala, New Genus, with the Description of three New Species (Heteroptera: Pentatomidae)." *Journal of the New York Entomological Society* 99(4): 583-610 (1991).
- Robbins, Robert K. "Cost and Evolution of a Facultative Mutualism Between Ants and Lycaenid Larvae (Lepidoptera)." *Oikos* 62(3): 363-369 (1991).
- Robertson, Alistar I. and Duke, Norman C. "Recruitment, Growth and Residence Time of Fishes in a Tropical Australian mangrove System." *Estuarine, Coastal and Shelf Science* 31: 723-743 (1990).
- Robertson, D. Ross. "Increases in Surgefish Populations after Mass Mortality of the Sea Urchin *Diadema antillarum* in Panamá Indicate Food Limitation." *Marine Biology* 111: 437-444 (1991).
- . "The Role of Adult Biology in the Timing of Spawning of Tropical Reef Fishes." In: *The Ecology of Fishes on Coral Reefs*: 356-386, edited by P.F. Sale. New York: Academic Press (1991).
- Robinson, Michael H. "A Mecca for Tropical Biologists." *The World and I*: March 1991: 299-307 (1991).
- Rodaniche, Arcadio E. "Notes on the Behavior of the Larger Pacific Striped Octopus, An Undescribed Species of the Genus *Octopus*." *Bulletin of Marine Science* 49(1-2): 667 (1991).
- Rostal, David C., Williams, Jo Anne and Weldon, Paul J. "Rathke's Gland Secretion by Loggerhead (*Caretta caretta*) and Kemp's Ridley (*Lepidochelys kempi*) Sea Turtles." *Copeia* 1991(4): 1129-1132 (1991).
- Roubik, David W. "Aspects of Africanized Honey Bee Ecology in Tropical America." In: *The "African" Honey Bee*: 259-281, edited by M. Spivak, D.J.C. Fletcher and M.D. Breed. Boulder: Westview (1991).
- . "Loose Niches in Tropical Communities: Why Are There So Few Bees and So Many Trees?" In: *Effects of Resource Distribution of Animal-Plant Interactions*: Chap. 11. San Diego: Academic Press (1992).
- . "Stingless Bees: A Guide to Panamanian and Mesoamerican Species and their Nests (Hymenoptera: Apidae: Meliponinae)." In: *Insects of Panama and Mesoamerica: Selected Studies*: 495-524, edited by D. Quintero and Annette Aiello. Oxford: Oxford University Press (1992).
- Roubik, David W. and Moreno P., Jorge Enrique. *Pollen and Spores of Barro Colorado Island*. Missouri Botanical Gardens: Monographs in Systematic Botany (1991).
- Roubik, David, Villanueva, Rogel, Cabrera, Edgar Francisco and Colli Ucán, Wilberto. "Abejas Nativas de la Reserva de la Biósfera de Sian Ka'an, Quintana Roo, México." In: *Diversidad Biológica en la Reserva de la Biósfera de Sian Ka'an, Quintana Roo, México*: 317-320, edited by L. Navarro and John G. Robinson (1991).
- Rowell, Thelma E. and Mitchel, Betsy J. "Comparison of seed dispersal by guenons in Kenya and capuchins in Panama." *Journal of Tropical Ecology* 7: 269-274 (1991).
- Ryan, Michael J. "Sexual selection and communication in frogs." *Trends in Ecology and Evolution* 6(11): 351-354 (1991).
- . "Sexual Selection, Sensory Systems and Sensory Exploitation." In: *Oxford Surveys in Evolutionary Biology*: 157-195 (1990).
- Salazar Allen, Noris, Arrocha, Clotilde and Chung, Clementina. "The Mosses of Barro Colorado Island, Panama." *The Bryologist* 94(3): 289-293 (1991).
- . "A Preliminary Treatment of the Central American Species of *Octoblepharum* (Musci: Calymperaceae)." *Tropical Bryology* 4: 85-97 (1991).
- . "A Revision of the Neotropical Species of *Octoblepharum* (Musci: Leucobryaceae)." *Supplement to American Journal of Botany (Abstracts)* 78(6): Abstract 24 (1991).
- . "Editorial." *Briolatina* 24: 1-2 (1991).
- . "Los estudios de briófitas en bosques tropicales y sus aplicaciones en la educación ambiental" (Abstract). *Primer Congreso Nacional de Ecología. Simposium Internacional de Ecología Amazónica, 3-8 de Noviembre de 1991*: 100 (1991).
- . "Resumen." In: *III Simposio Latinoamericano de Biología: Biología en el Neotrópico*. Instituto de Biología UNAM and Sociedad Latinoamericana de Briología (1992).

- Sanjur Fonseca, Oris Imperio. Estudio del Cariotipo de Cuatro Especies de Peces Pomacéntridos (Pomacentridae, Pisces) del Pacífico de Panamá y Algunas Consideraciones Evolutivas. Tesis, Universidad de Panamá (1991).
- Sarmiento Echeverría, Ludmila Enit and Rodríguez, Gonzalo Tapia. Análisis Cuantitativo e Identificación de la Población de Diatomeas y Algas verdeazules en Estanques de Cría del Camarón *Penaeus vannamei*. Tesis, Panamá: Universidad de Panamá (1990).
- Saw, L.G., LaFrankie, James V., Kochummen, K.M. and Yap, S.K. "Fruit Trees in a Malaysian Rain Forest." *Economic Botany* 45(1): 120-136 (1991).
- Schultz, William G. "Científicos Estudian el Ecosistema de los Bosques Nebulosos." *La Prensa*, 1 de julio de 1991: 14b (1991).
- . "Una mariposa contra el SIDA." *Conozca Más* 2(8): 38-39 (1991).
- Schupp, Eugene W. and Feener, Jr., D.H. "Phylogeny, lifeform, and habitat dependence of ant-defended plants in a Panamanian forest." In: *Ant-Plant Interactions*: 175-197 and 250-259. Oxford: Oxford University Press (1991).
- Schwartz, Joshua J. "Why Stop Calling? A Study of Unison bout Singing in a Neotropical Treefrog." *Animal Behaviour* 42: 565-577 (1991).
- Schwartz, Joshua J. and Rand, A. Stanley. "The Consequences for Communication of Call Overlap in the Tungara Frog, a Neotropical Anuran with a Frequency-Modulated Call." *Ethology* 89: 73-83 (1991).
- Siddiqui, F.A., McLaughlin, P.A. and Crain, J.A. "Larval Development of *Clibanarius antillensis* Stimpson, 1859 (Crustacea: Anomura: Diogenidae) Reared Under Laboratory Conditions: A Comparison Between Panamanian and Brazilian Populations." *Journal of Natural History* 25(4): 917-932 (1991).
- Smith, Neal G. "Arctic gulls 32 years later: a reply to Snell." *Colonial Waterbirds* 14(2): 190-195 (1991).
- . "Reproductive Behaviour and Ecology of *Urania* (Lepidoptera: Uraniidae) Moths and of their Larval Food Plants, *Omphalea* spp. (Euphorbiaceae)." In: *Insects of Panama and Mesoamerica: Selected Studies*: 576-593, edited by D. Quintero and Annette Aiello. Oxford: Oxford University Press (1992).
- Smith, Neal G. and Fleischer, R. "Giant Cowbird Eggs in the Nests of Two Icterid Hosts: Discrimination of Species and Individuals with Protein Electrophoresis Markers and Egg Morphometrics." *Condor* 94: 572-578 (1992).
- Smythe, Nicholas. "Steps Toward Domesticating the Paca (*Agouti* = *Cuniculus paca*) and Prospects for the Future." In: *Neotropical Wildlife Use and Conservation*: 202-216, edited by John G. Robinson and Kent H. Redford. Chicago: The University of Chicago Press (1991).
- Solís, F.A., Ibáñez D., Roberto and Tejera, Víctor H. "Geographic distribution: *Clelia scytalina*. SSAR Herp. Review 22: 135 (1991).
- Soong, Keryea. "Sexual Reproductive Patterns of Shallow-Water Reef Corals in Panama." *Bulletin of Marine Science* 49(3): 832-846 (1991).
- Spörle, Jörg, Becker, Hans, Salazar Allen, Noris and Gupta, Mahabir P. "Lipophilic Constituents from the Panamanian Liverwort *Monoclea gottschei* Subsp. *Neotropica*." *Journal of Hattori Botanical Laboratories* 70: 151-155 (1991).
- . "Spiroterpenoids from *Plagiochila moritziana*." *Phytochemistry* 30(9): 3043-3047 (1991).
- . "Occurrence of (–)-Geosmin and Other Terpenoids in an Axenic Culture of the Liverwort *Symphyogyna brongniartii*." *Zeitschrift für Naturforschung* 46: 183-188 (1991).
- . "Spiroterpenoids from *Plagiochila moritziana*." *Phytochemistry* 30(9): 3043-3047 (1991).
- Stern, David. "Male Territoriality and Alternative Male Behaviors in the Euglossine Bee, *Eulaema meriana* (Hymenoptera: Apidae)." *Journal of the Kansas Entomological Society* 64(4): 421-437 (1992).
- Stern, D.L. and Dudley, Robert. "Wing Buzzing by Male Orchid Bees, *Eulaema meriana* (Hymenoptera: Apidae)." *Journal of the Kansas Entomological Society* 64: 88-94 (1991).
- Stewart, Margaret M. and Rand, A. Stanley. "Vocalizations and the Defense of Retreat Sites by Male and Female Frogs, *Eleutherodactylus coqui*." *Copeia* 1991(4): 1013-1024 (1991).
- Studier, Eugene H. and Wilson, Don E. "Physiology." In: *Demography and Natural History of the Common Fruit Bat, Artibeus jamaicensis on Barro Colorado Island, Panamá*: 9-17, edited by C.O. Handley Jr., D.E. Wilson and A.L. Gardner. Washington D.C.: Smithsonian Contributions to Zoology. No. 511 (1991).
- Taft, Lucinda Keast and Handley Jr., Charles O. "Reproduction in a Captive Colony." In: *Demography and Natural History of the Common Fruit Bat, Artibeus jamaicensis, on Barro Colorado Island, Panamá*: 19-41, edited by C.O. Handley Jr., D.E. Wilson and A.L. Gardner. Smithsonian Contributions to Zoology, No. 511 (1991).
- Terborgh, J., Foster, Robin B. and Robinson, S.K. "Recovery of Biodiversity After Natural Disturbance in a Peruvian White-Water Meander Belt." In: *Annual Meeting of the Association for Tropical Biology held at the AIBS Annual Meeting of Scientific Societies, San Antonio, Texas, USA, August 4-8*. No pagination (1991).
- Thompson, F. Christian. "The Flower Fly Genus *Ornidia* (Diptera: Syrphidae)." *Proceedings of the Entomological Society of Washington* 93(2): 248-261 (1991).
- Thompson, James D., Herre, E. A., Hamrick, J.L. and Stone, J.L. "Genetic Mosaics in Strangler Fig Trees: Implications for Tropical Conservation." *Science* 254(Nov 22): 1214-1216 (1991).
- Tracy, C.R. and George, T.L. "On the Determinants of Extinction." *American Naturalist* 139(1): 102-122 (1992).
- Tyree, Melvin T., Snyderman, Wilmer, Timothy R. and Machado, José Luis. "Water Relations and Hydraulic Architecture of a Tropical Tree (*Schefflera morototoni*)." *Plant Physiology* 96: 1105-1113 (1991).
- Ventocilla, Jorge. *Anmar Napguana Mimmigana (Nosotros, Los Hijos de la Madre Tierra)*. Panamá: Imprenta Educativa (1991).

- Ventocilla, Jorge. Cacería y Subsistencia en Cangandi, una Comunidad de los Indígenas Kunas. Tesis, Universidad Nacional de Costa Rica (1991).
- Ventocilla, Jorge. "Por Qué son los Machos los que Cortejan a las Hembras?" *Tabla de Mareas 1992* 44-46 (1991).
- Villalobos, Ethel María. Reproductive Strategies in Solitary Hymenoptera: Plasticity in Mating and Nesting Behaviors. Ph.D. dissertation, University of California, Los Angeles (1990).
- Vogt, George B. "Leaf-Rolling Weevils (Coleoptera: Attelabidae), their Host Plants, and Associated Rhynchitid Weevils in North America (Canada through the Republic of Panama): Summary of a Long-Term Field Study." In: *Insects of Panama and Mesoamerica: Selected Studies*: 392-420, edited by D. Quintero and Annette Aiello. Oxford: Oxford University Press (1992).
- Wcislo, William T. "Parasitic and Courtship of *Phalacrotophora balictorum* (Diptera: Phoridae) at a Nesting Site of *Lasioglossum figueresi* (Hymenoptera: Halictidae)." *Revista de Biología Tropical* 38(2A) 205-209 (1990).
- . "Sapling Survival, Growth, and Recruitment: Relationship to Canopy Height in a Neotropical Forest." *Ecology* 72(1): 35-50 (1991).
- Weldon, Paul J., Sampson, H. Wayne, Wong, Luis and Lloyd, Helen A. "Histology and Biochemistry of the Scent Glands of the Yellow-bellied Sea Snake (*Pelamis platurus*: Hydrophiidae) (1991).
- Werner, Dagmar I. "The Rational Use of Green Iguanas." In: *Neotropical Wildlife Use and Conservation*: 181-201, edited by John G. Robinson and Kent H. Redford. Chicago: The University of Chicago Press (1991).
- West Eberhard, Mary Jane. "Behavior and Evolution." In: *Molds Molecules, and Metazoa: Growing Points in Evolutionary Biology*: 57-75, edited by P.R. Grand and H.S. Horn. Princeton, Princeton University Press (1992).
- . "Genetics, Epigenetics, and Flexibility: a Reply to Crozier." *American Naturalist* 139: 224-226 (1992).
- . "Introduction." In: *The Social Biology of Wasps*: 1-4, edited by Kenneth G. Ross and Robert W. Matthews. Ithaca: Comstock Publishing Associates (1991).
- . "Sexual Selection and Social Behavior." In: *Man and Beast Revisited*: 159-172, edited by M.H. Robinson and L. Tiger. Washington D.C.: Smithsonian Institution Press (1991).
- Wiley Jr., John P. "Phenomena, Comment and Notes." *Smithsonian* 22(3): 29-32 (1991).
- Wilson, Don E., Handley Jr., Charles O. and Gardner, Alfred L. "Reproduction on Barro Colorado Island." In: *Demography and Natural History of the Common Fruit Bat, Artibeus jamaicensis, on Barro Colorado Island, Panamá*: 43-52, edited by C.O. Handley Jr., D.E. Wilson and A.L. Gardner. Washington D.C.: Smithsonian Contributions to Zoology, No. 511 (1991).
- Windsor, Donald M., Riley, Edward G. and Stockwell, Henry P. "An Introduction to the Biology and Systematics of Panamanian Tortoise Beetles (Coleoptera: Chrysomelidae: Cassidinae)." In: *Insects of Panama and Mesoamerica: Selected Studies*: 372-391, edited by D. Quintero and Annette Aiello. Oxford: Oxford University Press (1992).
- Winter, Klaus, and Gademann, R. "Daily Changes in CO₂ and Water Vapor Exchange, Chlorophyll Fluorescence, and Leaf Water Relations in the Halophyte *Mesembryanthemum crystallinum* during the induction of Crassulacean Acid Metabolism in Response to high NaCl salinity." *Plant Physiology* 95: 768-776 (1991).
- Winter, Klaus and Königer, Martina. "Dry Matter Production and Photosynthetic Capacity in *Gortypium hirsutum* L. under Conditions of Slightly Suboptimum Leaf Temperatures and High Levels of Irradiance." *Oecologia* 87: 190-197 (1991).
- Wolda, Henk. "The Czechoslovak-Vietnamese Expedition to the Nam Cat Tien Reserve: A Comment." In: *Nam Cat Tien. Czechoslovak Vietnamese Expedition. November 1989. Research Report*: 44-45, edited by K. Spitzer, J. Lepš and M. Zacharda. eské, Budjovice: Institute of Entomology, Czechoslovak Academy of Sciences (1991).
- . "The Usefulness of the Equilibrium Concept in Population Dynamics. A Reply to Berryman." *Oecologia* 86: 144-145 (1991).
- . "Trends in Abundance of Tropical Forest Insects." *Oecologia* 89(1): 47-52 (1992).
- Wolda, Henk and Ramos J.A. "Cicadas in Panama: Their Distribution, Seasonality, and Diversity (Homoptera: Cicadoidea)." In: *Insects of Panama and Mesoamerica: Selected Studies*: 271-279, edited by D. Quintero and Annette Aiello. Oxford: Oxford University Press (1992).
- Wright, S. Joseph. "Seasonal Drought and the Phenology of Understory Shrubs in a Tropical Moist Forest." *Ecology* 72: 1643-1657 (1991).
- Wulff, Janie L. "Asexual Fragmentation, Genotype Success, and Population Dynamics of Erect Branching Sponges." *Journal of Marine Biology and Ecology* 149: 227-247 (1991).
- . "Patterns and Processes of Size Change in Caribbean Demosponges of Branching Morphology." In: *New Perspectives in Sponge Biology*: 425-435, edited by K. Rützler. Washington D.C.: Smithsonian Institution Press (1990).
- Yoder, J.A., Denlinger, David L. and Wolda, Henk. "Aggregation Promotes Water Conservation During Diapause in the Tropical Fungus Beetle, *Stenotarsus rotundus*." *Entomol. Exp. Appl.* 63: 203-205 (1992).
- Yoder, Jay A. and Denlinger, David L. "A Comparison of the Water Balance Characteristics of Temperate and Tropical Fly Pupae." *Physiological Entomology* 16: 375-380 (1991).
- Young, Truman P. and Augspurger, Carol K. "Ecology and Evolution of Long-Lived Semelparous Plants." *Tree* 6(9): 285-289 (1991).
- Young, Truman P. and Hubbell, Stephen P. "Crown Asymmetry, Treefalls, and Repeat Disturbance of Broad-Leaved Forest Gaps." *Ecology* 72(4): 1464-1471. (1991).
- Zeh, David and Jeanne Zeh. "Dispersal-generated Sexual Selection in a Beetle-riding Pseudoscorpion." *Behavioral Ecology and Sociobiology* 30: 135-142 (1992).

- . "Failed Predation or Transportation? Causes and Consequences of Phoretic Behavior in the Pseudoscorpion *Dinocheirus arizonensis* (Pseudoscorpionida: Chernetidae)." *Journal of Insect Behavior* 5(1): 37-49 (1992).
- . "Novel Use of Silk by the Harlequin Beetle-Riding Pseudoscorpion, *Cordylocheres scorpoides* (Pseudoscorpionida, Chernetidae)." *The Journal of Aracnology* 19: 153-154 (1991).
- . "Sexual Selection and Sexual Dimorphism in the Harlequin Beetle *Acrocinus longimanus*." *Biotropica* 24(1): 86-94 (1992).
- Zelick, R., Rose, G. and Rand, A. Stanley. "Differential Response to Frequency Modulation Rate and Direction by the Neotropical Frog, *Physalaemus pustulosus*." *Animal Behaviour* 42: 413-421 (1991).
- Zimmerman, Jess K. "Ecological Correlates of Labile Sex Expression in the Orchid *Catasetum viridiflavum*." *Ecology* 72(2): 597-608 (1991).
- Ziska, L.H., Hogan, Kevin P., Smith, Alan P. and Drake, B.G. "Growth and Photosynthetic Response of Nine Tropical Species with Long-Term Exposure to Elevated Carbon Dioxide." *Oecologia* 86: 383-389 (1991).

Arts and Humanities

Archives of American Art

New England Regional Center

- Brown, Robert F. Introduction to *Kindred Spirits*, catalogue of the E. Maurice Bloch Collection of manuscripts, letters, and sketchbooks of American artists. Ars Libri, Ltd., Boston, Massachusetts. 2 vols. March, 1992.

West Coast Regional Center

- Karlstrom, Paul J. *David Jones*, exhibition catalogue, Bruanstein/Quay Gallery, San Francisco.

Southeast Regional Collector

- Kirwin, Elizabeth. Reviews of: John Michael Vlach, *Plain Painters: Making Sense of American Folk Art*; and Henry Glassie, *The spirit of Folk Art: The Girard Collection at the Museum of International Folk Art*. *Archives of American Art Journal* 31 (October 1991): 31-34.
- . *The Papers of African American Artists*. Revised and enlarged, September 1992.

New York Regional Center

- Polcari, Stephen. Curated—"From Omaha to Abstract Expressionism: American Artist's Responses to World War II," SUNY at Potsdam. March/April 1992.

Freer Gallery of Art/Arthur M. Sackler Gallery

Office of the Director

- Beach, Milo C. "Jahangir's *Jahangirnama*," in *The Powers of Art—Patronage in Indian Culture*. Delhi: Oxford University Press, 1992.
- . *Mughal and Rajput Painting*, Cambridge University Press, 1992.
- . *Art of the Persian Courts*, with Aboulala Soudavar, 1992.

Curatorial Department

- Atil, Esin. "Revival and Reuse of Traditional Designs," *Proceedings of the Symposium on Islamic Arts and Crafts*, Rabat, Morocco, 1992.
- Bolon, Carol. "Bastar Brasses," *Asian Art*, June 1992.
- . *Forms of the Goddess Lajja Gauri in Indian Art*. College Art Association monograph, Penn State Press, 1992.
- Cort, Louise. Review of *Guangdong Ceramics from Butuan and Other Philippine Sites*, edited by Roxanna M. Brown, *The Journal of Asian Studies* (February 1992).
- . *Seto and Mino Ceramics*, University of Hawaii Press, 1992.
- . "Whose Sleeves...? Gender, Class, and Meaning in Japanese Dress of the Seventeenth Century," in *Dress and Gender: Making and Meaning*, edited by Ruth Barnes and Joanne B. Eicher. New York and Oxford: Berg, 1992.
- Shen Fu. "A Study of Chang Dai-chien's Forgery of Li Gonglin's Painting, 'The Three Worthies of Wu,'" *Hsiung Shib Art Monthly*, Taipei, no. 254 (April 1992) 41-49.
- . *Challenging the Past: The Paintings of Chang Dai-chien (1899-1983)*. Seattle: University of Washington Press, 1991.
- . "Chang Dai-chien and Sui Dynasty Paintings at Dunhuang," *Chung-yang Jih-pao*, Taipei, April 16, 1992, 5.
- . "Chang Dai-chien, Challenging the Past: Introduction to a Sixty-year Retrospective of Chang Dai-chien's Paintings," *Hsiung Shib Art Monthly*, Taipei, no. 250 (December 1991) 133-172.
- . "Chang Dai-chien's Forgeries of Buddhist Paintings from the Sui Dynasty," *Chung-yang Jih-pao*, Taipei, February 1992, 5.
- . "Huang Ting-chien's Cursive Script and Its Influence," *Words and Images: Chinese Poetry, Calligraphy and*

Painting. Princeton: The Metropolitan Museum of Art and Princeton University Press, 1991, 107-122.

———. "Tung Ch'i-ch'ang and Ming Dynasty Calligraphy," *Proceedings of the Tung Ch'i-ch'ang International Symposium*, April 16-19, 1992. Kansas City: The Nelson-Atkins Museum of Art, 1991, 20/1-17.

Gunter, Ann. "At the Museums: Treasures from Mesopotamia." *Archaeology* 45 (May-June 1992): 48-51.

———. Review of S. Downey, *Mesopotamian Religious Architecture: Alexander through the Parthians* (Princeton 1988). *Journal of Near Eastern Studies* 51 (1992) 227-28.

Lawton, Thomas. "A Chinese Art Collection Divided and Joined," *Shanghai Museum Fortieth-Anniversary Volume*.

———. "Jin Futing, a Nineteenth-Century Chinese Collector-Connoisseur," *Transactions of the Oriental Ceramic Society*.

Merrill, Linda. *A Pot of Paint: Aesthetics on Trial in Whistler v. Ruskin*, Smithsonian Institution Press, 1992.

Stuart, Jan. *Challenging the Past: The Paintings of Chang Dai-chien (1899-1983)*. Seattle: University of Washington Press, 1991.

———. "Challenging the Past: The Paintings of Chang Dai-chien," Museum Brochure, 1991.

———. "Collaborative Endeavors in Chinese Art," *Knowledge*, Vol. 13, No. 2, December 1991.

———. "From the Collection: A Ming Lacquer," *Arthur M. Sackler Gallery Calendar*, January/February 1992.

Yonemura, Ann. Gallery guide for "Ancient Japan" exhibition, 1992.

Cooper-Hewitt Museum

Administration/Assistant Director for Programs

Pekarik, Andrew. *The Thirty-Six Immortal Women Poets*. New York: Geo. Braziller, 1991.

———. *Sculpture: Behind the Scenes*. New York: Hyperion Books for Children, 1992.

———. *Painting: Behind the Scenes*. New York: Hyperion Books for Children, 1992.

Contemporary Design Department

Lupton, Ellen, and J. Abbott Miller. *The Bathroom, the Kitchen, and the Aesthetics of Waste: A Process of Elimination*. Cambridge: MIT List Visual Arts Center, 1992.

Drawings and Prints Department

Bachmann, Konstanze, ed. *Conservation Concerns: A Guide for Collectors and Curators*. Washington, D.C.: Smithsonian Institution Press, 1992.

Symmes, Marilyn. "...other languages, other signs..." *The Books of Antonio Frasconi*. Exhibition catalogue. New York: Neuberger Museum of Art, State University of New York at Purchase, 1992.

Education Department

Yelavich, Susan. "On the Edge." *Design* 517. (January 1992): 20-21.

Hirshhorn Museum and Sculpture Garden

Office of the Director

Weil, Stephen E. "Collecting a Private Art Collector: In Search of the Ideal." *Asian Art* 4 (Fall 1991): 2-7.

———. "A Brief Meditation on Museums and the Metaphor of Institutional Growth." *Courier* 12 (May/June 1992): 11-12.

Office of Public Affairs

Lawrence, Sidney. "Sculpting the Land at Oliver Ranch." *Garden Design* 11 (December 1991): 14-17.

———. "Boyd Webb." In *Boyd Webb: Photographs 1988-89*. Overland Park, Kansas: Johnson County Community College, College of Art, 1992 [exhibition brochure].

Department of Education

Gordon, Barbara. *Directions—Francesc Torrer*. Washington, D.C.: Hirshhorn Museum and Sculpture Garden, Smithsonian Institution, 1992 [exhibition brochure].

Department of Painting and Sculpture

Benezra, Neal. *Martin Puryear*. Chicago: Art Institute of Chicago; New York and London: Thames and Hudson, 1991 [exhibition catalog].

Fletcher, Valerie. *Crosscurrents of Modernism: Four Latin American Pioneers*. Washington, D.C.: Hirshhorn Museum and Sculpture Garden/Smithsonian Institution Press, 1992 [bilingual exhibition catalog].

Gettings, Frank. *20 Artists: Paintings and Works on Paper*. Santa Fe, New Mexico: Western States Art Federation, 1992 [exhibition catalog].

Rosenzweig, Phyllis. *Directions—Thomas Struth: Museum Photographs*. Washington, D.C.: Hirshhorn Museum and

- Sculpture Garden, Smithsonian Institution, 1992 [exhibition brochure].
- . *Joseph Kosuth WORKS*—"A Play: The Herald Tribune, Kafka and a Quote." Washington, D.C.: Hirshhorn Museum and Sculpture Garden, Smithsonian Institution, 1992 [exhibition brochure].
- Zilczer, Judith. "Collaboration in Exhibitions." *Knowledge: Creation, Diffusion, Utilization* 12 (December 1991): 195-201.

Institutional Studies Office

- Bickford, Adam, Doering, Zahava D. and Smith, Steven J. *Spiders are Coming! An Exhibition Background Study for the National Museum of Natural History*. Washington, D.C.: Institutional Studies Office, Smithsonian Institution, 1992 [Report 92-4].
- Doering, Zahava D. *The Cultural Diversity of Smithsonian Staff, Exhibitions, Public Programs, and Outreach Activities*. Washington, D.C.: Institutional Studies Office, Smithsonian Institution, 1991 [Report 91-11].
- . "Using Audience Research in Exhibition Development," in *The Audience in Exhibition Development*. Washington, D.C.: American Association of Museums, 1992.
- . *Across the River: A Study of Visitors to the Anacostia Museum*. Washington, D.C.: Institutional Studies Office, Smithsonian Institution, 1992. [Report 92-5.]
- . "Environmental Impact" in *Museum News*, March/April 1992
- . *et al.*, *Smithsonian Educational Activities: A Discussion Based on the 1991 Education Program Inventory*. Washington, D.C.: Institutional Studies Office, Smithsonian Institution, 1992 [Report 92-3].
- . with Bickford, Adam. *Ritual and Celebration: a Study of a 1991 Lecture and Concert Series at the Cooper-Hewitt Museum*. Washington, D.C.: Institutional Studies Office, Smithsonian Institution, 1992 [Report 92-7].
- Manning, Robert D. *Cultural Diversity or Diverse Cultures: An Inquiry into the Discourse of "Multiculturalism."* Washington, D.C.: Institutional Studies Office, Smithsonian Institution, 1992 [Report 92-6].
- Ziebarth, Elizabeth K., Doering, Zahava D. and Bickford, Adam. *Appreciating Art: A Study of Comparisons - An Exercise in Looking at the Hirshhorn Museum and Sculpture Garden*. Washington, D.C.: Institutional Studies Office, Smithsonian Institution, 1992 [Report 92-2].

National Air and Space Museum

Department of Aeronautics

- Crouch, Tom D. "Otto Lilienthal und die Amerikaner." In *Die Schule Lilienthals: Der Einfluss Otto Lilienthals auf die Entwicklung der Flugtechnik in der Welt*. Berlin: Museum für Verkehr und Technik, 1992.
- . "'Hey Marge, Are We Still in Air and Space?': Some Thoughts on a New Exhibition at the National Air and Space Museum." *Over the Front* (Summer/Fall, 1992).
- . "American Aviation." In *The Encyclopedia of American History*, edited by John Garraty and Eric Foner. New York: Random House, 1992.
- . "The Wright Brothers." In *The Encyclopedia of American History*, edited by John Garraty and Eric Foner. New York: Random House, 1992.
- . "Clarence M. Young." In *The Encyclopedia of American Business History and Biography: The Airline Industry*, edited by W. Leary. New York: Facts on File, 1992.
- Davies, R.E.G. "Aeroflot Revisited." *Air World*, vol. 43 No. 3, 1991.
- Hardesty, Von. "The Soviet Air Force: Doctrine, Organization and Technology." In *The Conduct of the Air War in the Second World War, An International Comparison*, edited by Horst Boog, pp. 207-227. New York and Oxford: Berg (St. Martin's Press), 1992.
- Jakab, Peter L. "Ecker Flying Boat." In *Aircraft of the National Air and Space Museum*, fourth edition, edited by Claudia M. Oakes, Kathleen Brooks-Pazmany, and F. Robert van der Linden. Washington, D.C.: Smithsonian Institution Press, 1991.
- Neufeld, Michael J. Book review: Robert W. Smith, *The Space Telescope: A Study in NASA, Science, Technology and Politics* for *Journal of Interdisciplinary History* 22 (Winter 1992): 551-553.
- Pisano, Dominick. Book review: Stephen Craford, *Technical Workers in an Advanced Society: The Work, Careers and Politics of French Engineers* (Cambridge/New York/Melbourne: Cambridge University Press; Paris: Editions de la Maison des Sciences de l'Homme, 1989) for *Isis: Journal of the History of Science Society*, (September 1991): 598.
- . Book reviews: Barbara Garson, *The Electronic Sweatshop: How Computers Are Transforming the Office of the Future into the Factory of the Past*, reprint edition, edited by Steven L. Goldman. New York: Penguin Books, 1989; *Science, Technology and Social Progress*, Research in Technology Studies, 2, edited by David C. Mowery and Nathan Rosenberg. Bethlehem: Lehigh University Press; London/Toronto: Associated University Presses, 1989; *Technology and the Pursuit of Economic Growth*. Cambridge/New York/Melbourne: Cambridge University Press, 1989; for *Isis: Journal of the History of Science Society* (March 1992): 168-170.
- . Encyclopedia articles on: Federal Express, Edgar S. Gorrell, Frederick W. Smith, and Eugene L. Vidal for *The*

- Encyclopedia of American Business History and Biography: The Airline Industry*, edited by William M. Leary. New York: Facts on File, 1992.
- . "The Crash that Killed Knute Rockne." *Air & Space*, December 1991/January 1992, pp 88-93.
- . "SPAD XIII Smith IV" in *Aircraft of the National Air and Space Museum*, edited by F. Robert van der Linden. Washington, D.C.: Smithsonian Institution Press, 1991.
- Schneide, Karl. "PFALZD-XIII" in *Aircraft of the National Air and Space Museum*, edited by F. Robert van der Linden. Washington, D.C.: Smithsonian Institution Press, 1991.
- van der Linden, Robert F. *The Boeing 247: The First Modern Airliner*. Seattle: The University of Washington Press, 1991.
- . [Editor] *Aircraft of the National Air and Space Museum*, fourth edition. Washington, D.C.: Smithsonian Institution Press, 1992.
- . "United Air Lines." In *Encyclopedia of American Business History and Biography: The Airline Industry*, edited by William M. Leary. New York: Facts on File, 1992.
- . "William A. Patterson." In *Encyclopedia of American Business History and Biography: The Airline Industry*, edited by William M. Leary. New York: Facts of File, 1992.
- . "Eddie Hubbard." In *Encyclopedia of American Business History and Biography: The Airline Industry*, edited by William M. Leary. New York: Facts on File, 1992.

Department of Space History

- Ceruzzi, Paul E. "Die fruhen Arbeiten von Konrad Zuse im Context der Erfindung des digitalen Computers, 1935-1950" (The Early Work of Konrad Zuse in the Context of the Invention of the Digital Computer, 1935-1950). In *Wissenschaftliches Jahrbuch*, 1991. Munich: Deutsches Museum, Sept. 1992.
- . "Digital Computers: History." In *Encyclopedia of Computer Science and Engineering*, third edition, edited by Anthony Ralston and Edwin Reilly. New York: Van Nostrand Reinhold, 1992.
- . "Zuse Computers." In *Encyclopedia of Computer Science and Engineering*, third edition, edited by Anthony Ralston and Edwin Reilly. New York: Van Nostrand Reinhold, 1992.
- . "Bell Laboratories Relay Computers." In *Encyclopedia of Computer Science and Engineering*, third edition, edited by Anthony Ralston and Edwin Reilly. New York: Van Nostrand Reinhold, 1992.
- DeVorkin, David. Book review: Owen Gingerich, "The Great Copernicus Chase." *Sky & Telescope* 84 #3 (Sept 1992): 284-287.
- Herken, Gregg. *Cardinal Choices. Presidential Science Advising from the Atomic Bomb to SDI*. New York: Oxford University Press, 1992.
- Needell, Allan A. "From Military Research to Big Science: Lloyd Berkner and Science Stewardship in the Postwar Era." In *Big Science: The Growth of Large Scale Research*, edited by P. Galison and B. Hevly, pp. 290-311. Stanford, CA: Stanford University Press, 1992.
- Smith, Robert W. "The Biggest Kind of Big Science" in *Big Science*, edited by Peter Galison and Bruce Hevly, eds, pp. 184-211. Stanford CA: Stanford University Press, 1992.
- . "Astronomy in the Nineteenth and Twentieth Centuries." In *Storia Delle Scienze Fisiche E Astronomiche*, edited by William R. Shea, pp. 542-593. Electra Press, 1992.

Center for Earth and Planetary Studies

- Craddock, R.A. "The Initial Exploration of Mars: Rationale for a Return Mission to Chryse Planitia and the Viking 1 Lander." In *Engineering, Construction, and Operations in Space III, Proceedings of Third International Conference*, pp. 1488-1499. Denver: 1992.
- Craddock, R. A. and T.A. Maxwell. "Nature of Early Fluvial Processes on Mars." *Geological Society of America Abstracts with Programs* 23 (1991):A402. [Abstract]
- and T.A. Maxwell. "Morphologic Variations of Degraded Impact Craters in the Martian Highlands." *Lunar and Planetary Science XXXIII*, pp. 255-256. Houston: Lunar and Planetary Institute, 1992. [Abstract]
- and T.A. Maxwell. "Fluvial Resurfacing of Early Mars and Relation to Degassing of the Primordial Atmosphere." *Transactions of American Geophysical Union* 73(14)(1992):184. [Abstract]
- and T.A. Maxwell. "Nature and Evolution of the Early Martian Atmosphere: Evidence from Highland Crater Populations." In *Workshop on Evolution of the Martian Atmosphere*, p. 728. Kona: 1992. [Abstract]
- Dollfus, A. and J.R. Zimbleman. "Martian Surface Texture and Wind Effect Implications." *Lunar and Planetary Science XXXIII*, pp. 313-314. Houston: Lunar and Planetary Institute, 1992. [Abstract]
- Frey, H. and J.R. Zimbleman. "Mars Resurfacing Through Time: Processes, Problems, and Prospects for the Future." *Transactions of American Geophysical Union* 73(14)(1992):183. [Abstract]
- Maxwell, T.A. and R.A. Craddock. "Geologic Effects of Atmosphere Loss on Mars: Evidence From Highland Erosion." *Lunar and Planetary Science XXXIII*, pp. 863-864. Houston: Lunar and Planetary Institute, 1992. [Abstract]
- Robinson, M.S. and J.R. Zimbleman. "Viking IRTM Analysis of Apollinaris Patera, Mars." *Lunar and Planetary Science XXXIII*, pp. 1165-1166. Houston: Lunar and Planetary Institute, 1992. [Abstract]
- Robinson, M.S., J.R. Zimbleman, S.S. Wu, K.K. Ablin, and A.E. Howington-Kraus. "Apollinaris Patera, Mars: Complex Volcanic Evolution Through Time" in *Transactions of American Geophysical Union* 73(14)(1992):184. [Abstract]
- Strain, P.L. and F. Engle. *Looking at Earth*. Atlanta: Turner Publishing, 1992.

- . "Looking at Earth." *Air & Space*, August/September, 1992.
- Squyres, S.W., S.M. Clifford., R.O. Kuzmin, J.R. Zimbelman, and F. Costard. "Ice in the Martian Megaregolith." *Mars*, edited by H. Kieffer et al. Tempe, AZ: University of Arizona Press, 1992.
- Tchakerian, V.P., J.R. Zimbelman, and S.H. Williams. "The Transport of Aeolian Sediments Across Basins, Mojave Desert, California and Arizona." *American Association Geograph. 88th Annual Meeting Abstracts*, p. 235. San Diego: 1992. [Abstract]
- , J.R. Zimbelman, and S.H. Williams. "The Nature and Frequency of Interbasin Eolian Transport and Deposition, Southern Mojave Desert, California and Arizona." *Geological Society of America Abstracts With Programs* 24(1992). [Abstract]
- Watters, T.R. "Origin of Periodically Spaced Wrinkle Ridges on the Tharsis Plateau of Mars." *Journal of Geophysical Research* 96(E1)(1991):15,599-15,616.
- . "System of Tectonic Features Common to Earth, Mars, and Venus." *Geology* 20(1992):609-612.
- . "A Globally Distributed Compressional Ridge System on Mars?" *Lunar and Planetary Science XXIII*, pp. 1501-1502. Houston: Lunar and Planetary Institute, 1992. [Abstract]
- Zimbelman, J.R., S.H. Williams, and V.P. Tchakerian. "Evidence of Eolian Sand Transport Across the Colorado River." *Transactions of American Geophysical Union* 72(44)(1991):214. [Abstract]
- Zimbelman, J.R. "Late-stage Effusion and Mass-wasting on the Western Flank of Asraeus Mons Volcano, Mars." *Transactions of American Geophysical Union* 72(44)(1991):279. [Abstract]
- . "Late-stage Effusion and Mass-wasting on Acraeus Mons Volcano, Mars." *Lunar and Planetary Science XXIII*, pp. 1579-1580. Houston: Lunar and Planetary Institute, 1992. [Abstract]
- . "Endogenic Modification of the Western Flanks of the Tharsis Montes Volcanoes, Mars." *Transactions American Geophysical Union* 73(14)(1992):184. [Abstract]
- . "Meteoritics." *Geotimes* 37(2)(1992):29-30.
- Zimbelman, J.R. and K.S. Edgett, K.S. "Volcanic and Modified Landforms on the Tharsis Montes, Mars." *Lunar and Planetary Science XXIII*, pp. 1581-1582. Houston: Lunar and Planetary Institute, 1992. [Abstract]
- . "The Tharsis Montes, Mars: Comparison of Volcanic and Modified Landforms." *Proceedings Lunar and Planetary Science Conference XXIII*, pp. 31-44. Lunar and Planetary Institute: Houston, 1992.

- McManus, Ed and Mary T. Baker. "History, Care, and Handling of America's Spacesuits: Problems in Modern Materials," *Journal of the American Institute for Conservation*, 31 (Spring 1992): 77-85.
- McManus, Ed, E.B. Lange, and Mary T. Baker. "Implications of Cold Storage on the Nation's Collection of Spacesuits," *Proceedings, 204th National Meeting of the American Chemical Society*. Washington, D.C.: American Chemical Society, 1992.

Laboratory for Astrophysics

- Beck S., J. Fischer, and H. Smith. "IR Recombination Lines of Hydrogen from Young Objects in the Southern Galactic Plane." *Astrophys. J.*, 383, 336, 1991.
- Goldstein, Jeffrey. "Scientific Exploration: A Journey of Discovery." *Science Books and Films* 28, March 1992. American Association for the Advancement of Science.
- Goldstein, Jeffrey, M.J. Mumma, T. Kostiuk, D. Deming, F. Espenak, and D. Zipoy, "Absolute Wind Velocities in the Lower Thermosphere of Venus Using Infrared Heterodyne Spectroscopy," *Icarus* 94, 45.
- Greenhouse M.A., Woodward, C.E., Thronson, H.A., and Rudy, R.J. "Near-Infrared [Fe II] Emission of M82 Supernova: Implications for Tracing The Supernovae Content of Galaxies," *Astrophys. J.*, 383, 164.
- Harwit, Martin. "Integrated Transportation Systems," *Air & Space*, October/November, 1991: p. 4.
- . "Galaxy Formation in the Universe" in *Les Houches Summer School on Astronomy with ISO, Summer 1991*, edited by Therese Encrenaz, 1992.
- . "Second-Guessing the Future," *Air & Space*, December 1991/January 1992, p. 4.
- . "The Vision Thing", side-bar for "The Spies in Space" by Jeffrey T. Richelson, *Air & Space*, December 1991/January 1992, pp. 74-80.
- . "Welcome to the National Air and Space Museum—Official Guide to the National Air and Space Museum, 1991."
- . "The Museum Extension—A Reply," *Air & Space*, February/March 1992, p. 4.
- . "Are We Doing Our Job?," *Air & Space*, April/May 1992, p. 4.
- . "Clarity of Goals," *Air & Space*, June/July 1992, p.4.
- . "Why Star Trek?," *Air & Space*, August/September 1992. p. 4.
- . "Cosmic Curvature and Condensation," *Astrophys. J.* 392, 403, 1992.
- Lellouch, E., J. Goldstein, S. Bougher, G. Paubert, and J. Rosenqvist. "Absolute Wind Measurements in the Middle Atmosphere of Mars," *Astrophys. J.* 383, 401.

Collections Management

- Bell, Dana. *USAF Colors and Markings in the 1990s* London: Greenhill Books, 1992.
- Hagedorn, Dan. *Republic P-47 Thunderbolts: The Final Chapter*. St. Paul, MN: Phalanx Publishing Co., Ltd., 1991.

National Museum of African Art

Eliot Elisofon Photographic Archives

- Geary, Christraud M. (editor). *Historical Photographs of Africa*. Special issue of *African Arts* 24 (4), 1991.
- . "Elephants, Ivory, and Chiefs: The Elephant in the Arts of the Cameroon Grassfields." in Doran Ross (ed.) *Elephant: The Animal and its Ivory in African Culture*. Los Angeles (Fowler Museum of Cultural History, UCLA).
- . "Missionary Photography: Public and Private Readings." *African Arts* 24 (4): 48-59, 1991.
- . "Museum Image Banks." (with Melissa A.N. Keiser and Joan Stahl) *Museum News* November/December: 53-57, 1991.
- . "Old Pictures, New Approaches: Researching Historical Photographs." *African Arts* 24 (4): 36-39, 1991.

Conservation Department

- Mellor, Stephen P. "The Exhibition and Conservation of African Objects: Considering the Nontangible." *Journal of the American Institute for Conservation*, 31 (3): 3-16, 1992.

Curatorial Department

- Ravenhill, Philip L. "What Museums for Africa?" *Museum News*, March/April: 78-79, 1990.
- . *The Art of the Personal Object*. National Museum of African Art/University of Washington Press, 1991.
- . "The Art of the Personal Object" [introductory essay], *African Arts* 25 (1): 70-74, 1992.
- . "Of Pachyderms and Power: Ivory and the Elephant in the Art of Central Côte d'Ivoire." in Doran Ross (ed.) *Elephant: The Animal and its Ivory in African Culture*. Los Angeles (Fowler Museum of Cultural History, UCLA).
- Sieber, Roy. "Purpose and Perfection: Pottery as a Woman's Art in Central Africa" [brochure]. National Museum of African Art, 1992.
- . *History, Design, and Craft in West African Strip-Woven Cloth* [introduction]. National Museum of African Art, 1992.

Exhibits Department

- Faruq, Sala. *Screen Printing with Water-Based Inks* [manual]. National Museum of African Art, 1992.

National Museum of American Art

NMAA Publications

- Broun, Dr. Elizabeth. introduction to *Between Heaven and Home: Contemporary American Landscape Photography*. Washington, D.C.: National Museum of American Art, 1992.
- Everett, Gwendolyn E. *Li'l Sis and Uncle Willie*. Washington, D.C.: National Museum of American Art, 1992.
- Fink, Lois Marie. "American Art at the 1889 Paris Exposition: The Paintings They Love to Hate." *American Art Journal* (Fall 1991, Vol. 5, No. 4): 35-53.
- Foresta, Merry A. *Between Heaven and Home: Contemporary American Landscape Photography*. Washington, D.C.: National Museum of American Art, 1992.
- Geary, Christraud M. and Melissa A.N. Keiser and Joan Stahl. "Museum Image Banks" in *Museum News*. Vol. 70., No. 6, November/December 1991, p. 53-58.
- Geary, Christraud M. and Melissa A.N. Keiser and Joan Stahl. "Promises and Dilemmas: Photographic Archives in Museums" in *VRA: Visual Resources Association Bulletin*. Vol. 19, No. 2, Summer 1992, p. 26-30.
- Monroe, Michael. introductions to *Albert Paley: Sculptural Adornment*. Washington, D.C.: Renwick Gallery of the National Museum of American Art, 1992.
- Monroe, Michael. introduction to *John McQueen: Language of Containment*. Washington, D.C.: Renwick Gallery of the National Museum of American Art, 1992.
- Nemerov, Alexander. "N.C. Wyeth's Theater of Illustration." *American Art Journal* (Spring 1992): 37-57.

Staff Work Published Elsewhere

- Foresta, Merry A. "Tracing The Light: Experimental Photography in the Age of Contact," *APERTURE* (December 1991).
- Foresta, Merry A. *Between Heaven and Home: Contemporary American Landscape Photography*. New Mexico: University of New Mexico Press, 1992.
- . *Friedensreich Hundertwasser*. Taschen Verlag. Cologne, Germany:, 1991. Second printing 1992.
- . *Notes & Recollections: Jochen Seidel Kompt nach Berlin: Die Rubr*. Berlin: Staatliche Kunsthalle, March 1992.
- . "Torah's Incipient Esthetics." *Religious Education* (Winter 1991): vol. 86, n. 1. Special Art Issue.
- . "The Bethrothal I," *The Rita and Taft Schreiber Collection*. Los Angeles: The Museum of Contemporary Art, 1991

Poetry

- The Plum Review*
American Poetry Review

Book Review

- Terminology for Museums* (Art Documentation, Vol. 10 No. 4, Winter 1991)
Mail Art: An Annotated Bibliography (Art Documentation, Vol. 11, No. 2, Summer, 1992)

National Museum of American History

Department of the History of Science and Technology

- Allison, David K., and Tom Gwaltney. "How People Use Electronic Interactives in 'Information Age: People, Information & Technology.'" in *Hypermedia and Interactivity in Museums: Proceedings of an International Conference*. Pittsburgh, PA: Archives & Museum Informatics, 1991.
- Borden, Carla M., Jeffrey K. Stine, and Elizabeth A. Zimmer. "Knowledge Collaborations in the Arts, the Sciences, and the Humanities: Edited Excerpts from a Smithsonian Seminar Series—Part 2: The Sciences." *Knowledge: Creation, Diffusion, Utilization* 13 (June 1992): 399-409.
- Davis, Audrey, and Richard Glenner, D.D.S. "Dental Machines Then and Now." *AO* 84 (1991): 14-16.
- Edwards, Nanci K., Peter Liebhold, Steven Lubar, and Harry R. Rubenstein. *Constructed Realities: A Photographic Record of Work*. Smithsonian Traveling Exhibition Service, 1992.
- Eklund, Jon. "The Hardy Automatic Recording Spectrophotometer: From Apparatus to Instrument." *Rittenhouse* 6 (May 1992) 73-86.
- Finn, Bernard S. *The History of Electrical Technology: An Annotated Bibliography*. New York: Garland Press, 1991.
- . "Edison and the Style of Invention." *Rassagna: Problemi di architettura dell'ambiente*. 13, 42/2 (1991): 44-53.
- . Review of I. Bernard Cohen, *Benjamin Franklin's Science*. in *ISIS* 83 (1992): 329-330.
- Forman, Paul. "Struck in Neutral: Science, morality and the case of Werner Heisenberg." Review of Robert N. Proctor, *Value-Free Science? Purity and Power In Modern Knowledge*, and David C. Cassidy, *Uncertainty: The Life and Science of Werner Heisenberg*. in *The Sciences* (March/April 1992): 44-49.
- . Review of Harvey M. Sapolsky, *Science and the Navy: The History of the Office of Naval Research*. in *Annals of the History of Computing* 14 (1992): 60-62.
- . Review of Finn Aaserud, *Redirecting Science: Niels Bohr, Philanthropy and the Rise of Nuclear Physics*. in *Physics Today* (November 1991): 93-94.
- Gossel, Patricia L. "A Need for Standard Methods: The Case of American Bacteriology." in Adele E. Clarke and Joan H. Fujimura (eds.). *The Right Tools for the Job*. Princeton, NJ: Princeton University Press, 1992.
- Green, Rayna. "Red Earth People and Southeastern Basketry." in Linda Mowat (ed.). *Basketmakers: Meaning and Form in Native American Baskets*. Oxford, England: Pitt Rivers Museum, 1992.
- . "We Are Here: 500 Years of Pueblo Resistance". Filmscript, 13 minute color film associated with the exhibition, "American Encounters." Smithsonian Telecommunications, 1992 (June).
- Green, Rayna, with Lisa Thompson. *American Indian Sacred Objects, Skeletal Remains, Repatriation and Reburial: A Resource Guide: A 1992 Update to the 1990 Guide*. Washington: NMAH/American Indian Program, 1992.
- Gould, Ed, and Rayna Green. *American Indian Plant Pioneers (American Indian Food Plants, American Indian Medicinal Plants) and African-American Plant Pioneers: A Poster Series*. Washington, DC: National Zoological Park and National Museum of History, 1991.
- Harris, Michael R. and John Parascandola. "Images of Hospital Pharmacy in America." *American Journal of Hospital Pharmacy* (1992).
- Harris, Michael R., Dr. Greg Higby, Dr. Glenn Sonnedeeler, Professor Ernst Stieb and Dr. Jeffery Sturchio. "A Panel Discussion: The Historical Literature of American Pharmacy." *Pharmacy in History* 34 (1992): 61-128.
- Kondratas, Ramunas. "The Preservation and Disposition of Hazardous Substances and Controlled Drugs in Museum Collections." *Caduceus* 7 (1991): 55-62.
- Johnson, Paula J. Review of Timothy C. Lloyd, and Patrick B. Mullen, *Lake Erie Fishermen: Work, Tradition, and Identity*. in *Journal of American Folklore* 105.416 (1992): 242-244.
- . Review of Thomas Vennum Jr., (ed.), *Ojibway Music from Minnesota: A Century of Song for Voice and Drum*, and Philip Nusbaum, (ed.), *Norwegian-American Music from Minnesota: Old-Time and Traditional Favorites*. in *American Music* 10.1 (1992): 103-106.
- . Review of Frances W. Dize, *Smith Island, Chesapeake Bay*. in *Maryland Historical Magazine* 86 (Winter 1991): 454-455.
- Johnson, Paula J. and David A. Taylor. "Beyond the Boat: Documenting the Cultural Context." in *Boats - A Manual for Their Documentation*. American Association for State and Local History and Museum Small Craft Association, 1992.
- Johnston, Paul F. "Maritime Museum Policy and the Acquisition of Archaeological Materials." *Bulletin of the Australian Institute of Maritime Archaeology* 15.2 (1992): 41-44.
- . "Is it Treasure or a Worthless Piece of Ship?" *Historical Archaeology* 26.4 (1992).
- . Review of G. and C. Henderson, *Unfinished Voyages: Western Australian Shipwrecks 1851-1880*. in *The American Neptune* 51.2 (1991): 138.
- . Review of L. Casson, *The Periplus Maris Erythraei*. in *The American Neptune* 51.1 (1991): 54-55.
- Lubar, Steven. "Representing Technological Knowledge." *Conference on Critical Problems and Research Frontiers in History of Science and History of Technology*, 1991.
- . "The Transformation of American Patent Law." *Technology and Culture* (October 1991).

- . "Do Not Fold, Spindle, or Mutilate; The Cultural History of the Punchard." *Journal of American Culture* (Fall 1992).
- . "Robot Videohistory." in Terry Shorzman, (ed.). *The Videohistory Handbook*. Malabar, FL: Krieger Publishing, 1992.
- Marefat, Mina. "The Protagonists Who Shaped Modern Tehran." in C. Adle and B. Hourcade, (eds.). *Tehran Capital Bicentenaire*. Paris/Tehran: Institute Francais de Recherche en Iran, 1992.
- Molella, Arthur P. "Nationalism, Technology, and the National Technology Museum." *Studies in the History of Science and Technology*. Institute for the History of Science and Technology, U.S.S.R. Academy of Sciences, 1991.
- Morrison, Howard, with Richard Ahlborn, Lisa Falk, Henry Grasso, Rayna Green and Lonn Taylor. *American Encounters: A Companion Book to the Exhibit*. Washington, DC: National Museum of American History, 1992.
- Post, Robert. "Strip, Salt, and Other Straightway Dreams." in John L. Wright (ed.) *Possible Dreams: Enthusiasm for Technology in America*, 98-109. Dearborn: Henry Ford Museum and Greenfield Village, 1992.
- . "The Machines of Nowhere." *Invention and Technology* 8 (Spring 1992): 28-35.
- Sharrer, G. Terry. "The Mouse That Roared: Mapping the Genome of *Arabidopsis thaliana*." *The Historical Gardener* 1 (Spring 1992): 5-6, 12.
- . "The Biology Revolution: Then and Now." *The Virginia Dairyman*. 56 (February 1992): 49-52.
- Stine, Jeffrey K. "The Tennessee-Tombigbee Waterway and the Evolution of Cultural Resources Management." *The Public Historian* 14 (Spring 1992): 7-30.
- . "Scientific Instrumentation as an Element of U.S. Science Policy: National Science Foundation Support of Chemistry Instrumentation." in Robert Bud and Susan Cozzens, (eds.). *Invisible Connections: Instruments, Institutions, and Sciences*. Bellingham, Wash.: SPIE, 1992.
- Turner, Steven. "Spiders in the Crosshairs: Cobwebs and the Search for the Perfect Line." *Rittenhouse* 6 (November 1991): 1-10.
- Warner, Deborah Jean. "British Instrument Makers in the U.S." *Rittenhouse* 6 (November 1991): 25-31.
- . "Richard Patten (1792-1865)." *Rittenhouse* 6 (February 1992): 57-63.
- . "Projection Apparatus for Science in Antebellum America." *Rittenhouse* 6 (May 1992): 87-94.
- . "Physics as a Moral Discipline: Undergraduate Laboratories in the Late Nineteenth Century." *Rittenhouse* 6 (August 1992) 116-128.
- White, Roger B. "Body by Fisher: The Closed Car Revolution." *Automobile Quarterly* 29.4 (1991): 46-63.
- Withuhn, William L. "The Practice of the History of Technology in the West: An Overview (in Russian)." *Problems in the History of Natural Sciences and Technology* 3 (1991): 145-149.

Worthington, William. "Historical Survey of American Railroad Bridges and Structures." in *Proceedings of the 96th Annual Conference of the American Railway Bridges & Building Association* (1991): 20-31.

Department of Social and Cultural History

- Adrosko, Rita J. "Transcription, Translation and Comments on Jacob Angstadt's Dye Recipes" in *Jacob Angstadt, His Diaper Book* by Ruth N. Holroyd and Ulrike L. Beck. Pittsford, N.Y.: Rith N. Holroyd, 1992, pp. 217-240.
- . *Plans for Making a 19th-Century American Loom*. St. Paul, Minn.: Dos Tejedoras Fiber Arts Publications, 1992 (revision of *Plans for Making an Early American Loom*, published by Smithsonian Institution Press, 1968).
- Ahlborn, Richard E. "The Mission San Antonio Prayer and Song Board." *Southern California Quarterly* 74 (no. 1, Spring, w/ 5 plates, 1992): 1-17.
- Bruns, James H. *Mail on the Move*. Polo, Illinois: Transportation Trails, 1992.
- Harris, Elizabeth M. *The Boy and His Press*. Smithsonian Institution, 1992.
- Melder, Keith, with Edith P. Mayo and William L. Bird, Jr. *Hail to the Candidate: Presidential Campaigns from Banners to Broadcasts*. Washington: Smithsonian Institution Press, 1992.

Department of Public Programs

- Morrison, Howard. *American Encounters*. Smithsonian Institution, 1992.

Office of Academic Programs

- Kulik, Gary B. "The American Industrial Revolution," in *Encyclopedia of American Social History* (New York, 1992).
- . "Introduction" to *Mermaids, Mummies, and Mastodons: The Emergence of the American Museum*, ed. by William Alderson (Washington, 1992).
- . "An American Visionary," *Museum News* (Sept.-Oct. 1992).

Archives Center

- Haberstich, David. Review, "Photograph Preservation and the Research Library," Jennifer Porro, ed. *Abbey Newsletter*, Vol. 16, No. 1 (Feb. 1992), pp. 13-14.
- . Foreword and editor, *Register of the Donald H. Sultner-Welles Collection, ca. 1790-1981*, by Laurie A. Baty. Washington, D.C.: Archives Center, National Museum of American History, Smithsonian Institution, 1991.

National Numismatic Collection

- Clain-Stefanelli, Elvira. "A Survey of Numismatic Literature 1985-1989: General," *A Survey of Numismatic Research 1985-1990*. Brussels: International Numismatic Commission and International Association of Professional Numismatists, 1991; pp. 1-27. In cooperation with Ray Hebert.
- . "Late Silver Issues of Rhegium—A Janus Head Type in Rhegium," *Florilegium Numismaticum Studia in Honorem*. Stockholm: Svenska Numismatiska Foreningen, 1992; pp. 119-126.
- . "From the Drawingboard of a Coin Engraver. Sketches by Christian Gobrecht for the Coinage of 1836-1839," *The American Numismatic Association Centennial Anthology*. Wolfeboro, New Hampshire: Bowers and Merena, 1991; pp. 79-98, illus.
- . "Old Friends—Common Goals. The Evolution of Numismatics in the United States," *The American Numismatic Association Centennial Anthology*. Wolfeboro, New Hampshire: Bowers and Merena, 1991; pp. 293-299, illus.
- Doty, Richard. "An Overlooked Russian Contribution to the Industrialization of Money," *Journal of the Russian Numismatic Society*. 44 Fall 1991; pp. 8-11.
- . "Juaristas, Imperialistas, and Centavos: Decimalization and Civil War in Mexico, 1857-1870," *American Journal of Numismatics*. 3/4 Second Series, 1992.
- . "Making Money in Early Massachusetts," *Money of Pre-Federal America*. (Proceedings of the Seventh Coinage of the Americas Conference, New York, May 4, 1991); New York: American Numismatic Society, 1992; pp. 1-14.
- . "Mexico Numismatico: Tesoros de Nuestra Coleccion/Mexican Numismatics: Treasures from the Smithsonian Collection," *Boletin de la Sociedad Numismatica de Mexico*. 146.
- . "Money: How Do I Know It's O.K.?" *Money: Lure, Lore, and Liquidity*. Proceedings of the Hofstra University Money Conference, November 21-23, 1991 to be published by Hofstra University and Greenwood Press.
- . "North America," *A Survey of Numismatic Research, 1985-1990*. Brussels: International Numismatic Commission, 1991; pp. 589-600.
- . Review of *La Casa de Moneda de Mexico a Mas de 450 Anos*, ed. Miguel Angel Porrua, *American Journal of Numismatics*. 3/4 Second Series, 1992.
- . Reviews of *Merchant Countermarks on World Coins*, by Gregory G. Brunk; *Coinage of the Americans Proceedings Nos. 1-6*, by the American Numismatic Society; and *Primeras Memorias de la Casa de Moneda de Mexico*, ed. Miguel Angel Porrua; all in *Numismatic Chronicle*. 151 1991; pp. 279-283, 283-286.
- . Review of *The Coinage of El Peru*, ed. William Bischoff, in *Revue Numismatique*. 34 1992.
- Gilliland, Cory. "Public Opinion and the Nation's Coinage," *American Numismatic Centennial Anthology*. Wolfeboro, New Hampshire: Bowers and Merena, 1991; pp. 301-319, illus.

———. "United States Medals," *A Survey of Numismatic Research, 1985-1990*. Brussels: International Numismatic Commission, 1991.

National Portrait Gallery

Office of Computer Specialist

- Kabel, Margo, Francisco Dallmeier, and Richard Rice. "Methods for Long-Term Biodiversity Inventory Plots in Protected Tropical Forests" in *Long Term Monitoring of Biological Diversity in Tropical Forest Areas*, edited by Francisco Dallmeier: MAB Digest 11, 1992. 11-45.
- , Francisco Dallmeier, Charlotte M. Taylor, John C. Mayne, and Richard Rice. "Case Study of SI/MAB Biological Diversity Plot Research Methodology: Effects of Hurricane Hugo on the Bisley Biodiversity Plot, Luquillo Biosphere Reserve, Puerto Rico" in *Long Term Monitoring of Biological Diversity in Tropical Forest Areas*, edited by Francisco Dallmeier: MAB Digest 11: 1992. 47-71.

Office of the Director

- Fern, Alan. "Portraits of a Nation" in *Uncommon Australians: Towards an Australian Portrait Gallery*. Sydney, Australia: Art Exhibitions Australia Limited, 1992, pp.9-10.
- , with Arnold Newman. *Arnold Newman's Americans*. Washington, DC: National Portrait Gallery, Smithsonian Institution, in association with Bulfinch Press/Little, Brown and Company, Boston, 1992.
- . "Introduction" in Lubarsky, Jared, *Noble Heritage: Five Centuries of Portraits from the Hosokawa Family*. Washington, DC: Smithsonian Institution Press, 1992, pp.9-13.

Office of the Historian

- Henderson, Amy. "Media and the Rise of Celebrity Culture" in *OAH Magazine of History*, Vol. 6, No. 4 (Spring 1992): 49-54.

Library

- Martin R. Kalfatovic. *Nile Notes of a Howadji: a Bibliography of Travelers' Tales from Egypt, from the Earliest Time to 1918*. Metuchen, NJ: Scarecrow Press, 1992.
- . [Review] Elizabeth Johns, *American Genre Painting: the Politics of Everyday Life* (New Haven, 1992). *Library Journal* 117 (April 15, 1992): 88-89.
- . [Review] Mary Jane Jacobs, editor, *Places with a Past: New Site-specific art at Charleston's Spoleto Festival* (New York, 1992). *Library Journal* 117 (July 1992): 82.

———. [Review] Marco Livingstone, editor, *Pop Art: an International Perspective* (New York, 1992). *Library Journal* 117 (May 15, 1992): 92.

Department of Painting and Sculpture

Christman Margaret C. S. "*The Spirit of Party*"; *Hamilton & Jefferson at Odds*. Washington, D.C., and Charlottesville, Virginia, 1992.

Fortune, Brandon Brame. "'From the World Escaped': Peale's Portrait of William Smith and His Grandson."

Eighteenth-Century Studies 25 (Summer 1992): 587-615.

The Peale Family Papers

The Selected Papers of Charles Willson Peale and His Family.

Volume 3: *The Belfield Farm Years, 1810-1820*, edited by Lillian B. Miller, Sidney Hart, and David C. Ward. New Haven and London: Yale University Press 1991.

Hart, Sidney and Ward, David C. "The Waning of an Enlightenment Ideal: Charles Willson Peale's Philadelphia Museum, 1790-1820." Reprinted in *American Culture, 1776-1815*, edited by Peter S. Onuf. New York and London: Garland Publishing Inc., 1991, 297-326.

Ward, David C. "The Civil War Memoirs of Grant and Sherman." *Maryland Historical Magazine* 87 (Spring 1992): 107-09.

———. Gary W. Gallagher, ed., *Struggle for the Shenendoah: Essays on the 1864 Valley Campaign* (Kent, Ohio, 1991) reviewed in *Maryland Historical Magazine* 87 (Summer 1992): 237-38.

———. Nancy Rash, *The Painting and Politics of George Caleb Bingham* (New Haven, 1991) reviewed in *Civil War History* 38 (June 1992): 178-80.

———. F. Daniel Larkin, *John B. Jervis: An American Engineering Pioneer* (Ames, Iowa, 1990) reviewed in *New-York History* 73 (January 1992): 105-06.

———. Beverley Wilson Palmer, ed., *The Selected Papers of Charles Sumner*, 2 vols. (Boston, 1990) reviewed in *The New England Quarterly* 64 (December 1991): 670-73.

———. Wallace J. Schutze and Walter N. Trenerry, *Abandoned by Lincoln. A Military Biography of General John Pope* (Champaign, Illinois, 1990) and Robert K. Krick, *Stonewall Jackson at Cedar Mountain* (Chapel Hill, 1990) reviewed in the *Maryland Historical Magazine* 86 (Fall 1991): 348-50.

Department of Prints and Drawings

Reaves, Wendy Wick. "Gladys Engel Lang and Kurt Lang, *Esched in Memory: The Building and Survival of Artistic*

Reputation." (book review) *Archives of American Art Journal* 31 (number 1 1991): 27-28.

———. "Portrait Prints: Washington Print Club Biennial." *The Washington Print Club Quarterly* 28 (Winter 1991-1992): 6.

———. *Collecting Portrait Prints: Washington Print Club Biennial*. National Portrait Gallery, 1991. (brochure)

———. *Poster Portraits*. National Portrait Gallery, 1992. (brochure)

Wagner, Ann. "The Works on Paper Gallery of the Phillips Collection." *The Washington Print Club Quarterly* 28 (Winter 1991-1992): 6-7.

———. "Poster Portraits at the National Portrait Gallery." *The Washington Print Club Quarterly* 28 (Spring 1992): 8.

———. "A Tour of Homage to Callot at the National Gallery of Art" *The Washington Print Club Quarterly* 28 (Summer 1992): 5-6.

Office of Museum Programs

American Association of Museums. *The Audience in Exhibition Development: course proceedings from a training program developed by the Office of Museum Programs, Smithsonian Institution, Washington, D. C.* Professional Practice Series, Technical Information Service, American Association of Museums, Washington, D. C., 1992.

Craig, Bruce C., editor. *Internship Opportunities at the Smithsonian Institution*. Office of Museum Programs, Smithsonian Institution, Washington, D. C., 1992.

Fuller, Nancy J., "Ak-Chin Him Dak - A New Model for Community Heritage Management Opens to Public," in *CRM*, edited by Patricia L. Parker, U. S. Department of the Interior, National Park Service Cultural Resources, Washington, D. C., 1991, Vol. 14: No. 5, pp. 36, 37, 43.

Fuller, Nancy J., "The Museum as a Vehicle of Community Empowerment: The Ak-Chin Indian Community Ecomuseum Project" in *Museum and Communities: Debating Public Culture*, edited by Ivan Karp and Stephen Lavine, SI Press, Washington, DC, 1992.

LaMaster, Teresa K., "On Professional Knowing" in *Patterns in Practice: Selections from the Journal of Museum Education*, Museum Education Roundtable, Inc., Washington, D. C., 1992, pp. 331-332.

Sadongei, Alyce, "New Training Opportunities for American Indians at the Smithsonian Institution-The American Indian Museum Studies Program," in *CRM*, edited by Patricia L. Parker, U. S. Department of the Interior, National Park Service Cultural Resources, Washington, D. C., 1991, Vol. 14: No. 5, pp. 11-12.

Smithsonian Institution Traveling Exhibition Service, SITES

- Art as Activist*. New York: Universe/SITES, 1992.
African American Resource Guide. Washington: SITES, 1992.
Fragile Ecologies: Artists' Interpretations and Solutions. Adventures for Kids and Families. Washington: SITES, 1992.
 The Good, the Bad, and the Cuddly: Attitudes Toward Animals. Washington: SITES, 1992.
 Long Road Up the Hill: *African Americans in Congress*. Washington: SITES, 1992.
Perpetual Campaign: The Making of the People's President. Washington: SITES, 1992.
 Siteline. (SITES newsletter). Washington: SITES, Winter 1991, Number 32.
Songs of My People Resource Guide. Washington: SITES, 1992.
Syncopated Lives: Selected Stories from "Songs of My People". Washington: SITES, 1992.
Update, 1992-93 (SITES' annual catalogue of exhibitions). Washington: SITES, 1992.
 Who's in Charge? Workers and Managers in the United States. Washington: SITES, 1992.

Education and Public Service

Office of the Assistant Secretary for Education and Public Service

Office of the Assistant Secretary for Education and Public Service

- Achebe, Chinua. "Martin Luther King, Jr. and Africa." Keynote address delivered January 20, 1992 at the Martin Luther King, Jr. Holiday Celebration, Smithsonian Institution. Washington, D.C.: Smithsonian Institution Press, 1992.

Center for Folklife Programs and Cultural Studies

Printed Materials

- Cadaval, Olivia. "Conocimiento y Poder: La Tierra y las Culturas Indígenas Americanas." In *Mis Ojos Vieron . . . Mi Corazón lo Sabe*, edited by Xun Gallo, 15-19. Mexico: Litográfica Turmex.
 ———. "The Festival Never Ends." *Smithsonian Folklife News* (3) (Winter 1992):9. Washington, D.C.: Smithsonian Institution.

- Chen, Vivien. "Celebrating the Year of the Monkey." *Folklife Center News*. Washington, D.C.: American Folklife Center, Library of Congress.
 ———. *Children's Activity Booklet*, 1992 Festival of American Folklife. Washington, D.C.: Smithsonian Institution.
 Hunt, Marjorie. "Making the White House Work." In *Festival of American Folklife Program Book*, edited by Peter Seitel, 98-103. Washington, D.C.: Smithsonian Institution.
 Kennedy, Richard. "Soviet-American Folklife Exchange Program." *Smithsonian Folklife News* (3)(Winter 1992):6-7. Washington, D.C.: Smithsonian Institution.
 Kurin, Richard. "Festival of American Folklife: Not Just a Festival." In *Festival of American Folklife Program Book*, edited by Peter Seitel, 7-14. Washington, D.C.: Smithsonian Institution.
 ———. "Director's Talk Story." *Smithsonian Folklife News* (3)(Winter 1992):2-3. Washington, D.C.: Smithsonian Institution.
 N'Diaye, Diana and Kenneth Bilby. "Creativity and Resistance: Maroon Culture in the Americas." In *Festival of American Folklife Program Book*, edited by Peter Seitel, 54-61. Washington, D.C.: Smithsonian Institution.
 ———. "African Immigrant Project." *Smithsonian Folklife News* (3)(Winter 1992):11. Washington, D.C.: Smithsonian Institution.
 ———. "African World Culture and the Concept of Diaspora Transformative Ideas in the Study of African Cultures, or 'Will the Circle Be Unbroken?'" *Will the Circle Be Unbroken? Historical Perspectives on the African Diaspora* conference, February 6-8. Washington, D.C.: Smithsonian Institution.
 ———. "Resistance and Creativity: Maroon Culture in the Americas." *Conexoes* 4(1)(May 1992):9. East Lansing: Michigan State University.
 ———. "Research in Progress on the African Diaspora." *Conexoes* 3(2)(November 1991):8-9. East Lansing: Michigan State University.
 ———, co-editor. *The Arts of Black Folk*. New York: Schomburg Center for Research in Black Cultures.
 Parker, Diana. "The 25th Festival." *Smithsonian Folklife News* (3)(Winter 1992):4-5. Washington, D.C.: Smithsonian Institution.
 Seeger, Anthony. "Folkways Recordings." *Smithsonian Folklife News* (3)(Winter 1992):1-3. Washington, D.C.: Smithsonian Institution.
 Seitel, Peter, ed. *Festival of American Folklife Program Book*. Washington, D.C.: Smithsonian Institution.
 Vennum, Thomas Jr. "The Changing Soundscape in Indian Country." In *Festival of American Folklife Program Book*, edited by Peter Seitel, 81-92. Washington, D.C.: Smithsonian Institution.

——— and Guha Shankar. "Smithsonian Folklife Studies Series: *Mubarram*." *Smithsonian Folklife News* (3)(Winter 1992):8. Washington, D.C.: Smithsonian Institution.

Sound Recordings

- An Anthology of African American Poetry for Young People*. Smithsonian/Folkways SF 45044.
- Cage, John and David Tudor. *Indeterminacy*. Smithsonian/Folkways SF 40804/5.
- Caribbean Revels: Haitian Rara and Dominican Gaga*. Smithsonian/Folkways SF 40402.
- Drums of Defiance: Maroon Music of Jamaica*. Smithsonian/Folkways SF 40412.
- A Fish That's a Song*. Smithsonian/Folkways SF 45037.
- Louis Moreau Gottschalk *American Piano Music*, played by Amiram Rigai. Smithsonian/Folkways SF 40803.
- Guthrie, Woody. *Nursery Days*. Smithsonian/Folkways SF 45035.
- Introducing American Folk Music*. Accompanies Kip Lornell's, *Introducing American Folk Music*, Brown and Benchmark, 1992. Smithsonian/Folkways Special Product SFSP 90001.
- Jackson, Mahalia. *Got To Tell It*. Accompanies Jules Schwerin's, *The Life I Sing About: Mahalia Jackson, Talking and Singing the Gospel*, Oxford University Press, 1992. Smithsonian/Folkways Special Product SFSP 90002.
- Jenkins, Ella. *African American Folk Rhythms*. Smithsonian/Folkways SF 45003.
- . *Songs, Rhythms and Chants for the Dance*. Smithsonian/Folkways SF 45004.
- . *Come Dance by the Ocean*. Smithsonian/Folkways SF 45014.
- . *A Long Time to Freedom*. Smithsonian/Folkways SF 45034.
- . *For the Family* (videotape). Smithsonian/Folkways SF 48002.
- Mbuti Pygmies of the Ituri Rainforest*. Smithsonian/Folkways SF 40401.
- Music of Indonesia Vol. 4: Music of Nias and North Sumatra*. Smithsonian/Folkways SF 40420.
- Music of New Mexico: Native American Traditions*. Smithsonian/Folkways SF 40408.
- Music of New Mexico: Hispanic Traditions*. Smithsonian/Folkways SF 40409.
- Navajo Songs*. Smithsonian/Folkways SF 40403.
- Plains Chippewa/Metis Music from Turtle Mountain*. Smithsonian/Folkways SF 40411.
- Seeger, Peggy. *Songs of Love and Politics*. Smithsonian/Folkways SF 40048.
- Seeger, Pete. *Singalong: Live at Sanders Theater*. Smithsonian/Folkways SF 40026/8.
- . *American Industrial Ballads*. Smithsonian/Folkways SF 40058.
- Spence, Joseph. *Joseph Spence: The Complete Folkways Recordings*. Smithsonian/Folkways SF 40066

Van Ronk, Dave. *Dave Van Ronk: The Folkways Years 1959-61*. Smithsonian/Folkways SF 40041.

Williams, Lucinda. *Ramblin'*. Smithsonian/Folkways SF 40042.

Office of Elementary and Secondary Education

- Eisendrath, Betsy. "The Survival Game after Columbus: Pigs, Weeds, and Other Players." *Art to Zoo*, October 1991.
- . "Life in the 'Promised Land': African-American Migrants in Northern Cities, 1916 - 1940." *Art to Zoo*, January 1992.
- O'Flahavan, Leslie. "Digging Up Dirt: How Paleontologists Bring Dinosaurs Back to Life." *Art to Zoo*, April 1992.
- . "Once upon a Real Time: Telling the Stories the Past Tells Us." *Art to Zoo*, September 1992.
- Smith, Michelle, and Lonnie Bunch. *Protest and Patriotism: A History of Dissent and Reform*. Washington, DC: Smithsonian Institution Press, 1992.

External Affairs

Office of the Assistant Secretary for External Affairs

- Kirlin, Katherine & Thomas 1991. *The Smithsonian Folklife Cookbook*, Smithsonian Institution Press.
- Lovejoy, T.E. 1991. Foreword to *Environment in Peril* (A.B. Wolbarst, Ed.), Smithsonian Institution Press.
- Lovejoy, T.E. 1991. Foreword to *Toward Unity among Environmentalists* by B. G. Norton. Oxford Univ. Press. 287 pp.
- Lovejoy, T.E. 1991. Biomass burning and the disappearing tropical rainforest (Chapter 9). Pp. 77-82 in *Global Biomass Burning* (J.L. Levine, Ed.). The MIT Press. 569 pp.
- Lovejoy, T.E. 1991. Searching for solutions to the dilemma. *Tropical Forests* 1(1):1-8.
- Lovejoy, T.E. and R.H. Dwight. 1992. Biological diversity and Neptune's realm. *Marine Tech. Soc. J.* 25(4):7-12.
- Lovejoy, T.E. 1992. Preface to *Global Warming and Biological Diversity* (R.L. Peters and T.E. Lovejoy, Eds.), Yale University Press, New Haven, CT.
- Lovejoy, T.E. 1992. The impact of global warming. Pp. 1-5 in *Oxford in North America 2, Earth Summit Preview* (J. Funari and E. Klimas, Eds.), Oxford University Development (North America), Inc., New York.

- Lovejoy, T.E. 1992. In praise of biodiversity. Pp. 28-29 in *Environment: The Next Frontier* (T. Rubin, Ed.). U.S. Information Agency, Hearst Special Pubs.
- Lovejoy, T.E. 1992. Amazonia: the scientific basis for conservation. Pp. 21-25 in *Conservation de la Selva Amazónica*, Fundación para el desarrollo de la ciencias físicas, matemáticas y naturales (FUDECI), Caracas, Venezuela.
- Lovejoy, T.E. 1992. Foreword to *Ecology and Conservation of Neotropical Migrant Landbirds* (J.M. Hagen and D.W. Johnston, Eds.) Smithsonian Institution Press, Washington, D.C. 609 pp.
- Lovejoy, T.E. 1992. Foreword to *South Carolina's Wetlands Wilderness: The ACE Basin* by T. Blagden, Jr. Westcliffe Pubs., Inc., Englewood, CO.
- Lovejoy, T.E. 1992. Earth's Living Library: Check It Out, Op-ed, The Washington Post, 19 March.
- Moran, Katy 1991. Actions of the U.S. Congress Toward Environmentally Sustainable Foreign Assistance. *New Directions in U.S. Foreign Assistance and New Roles for Anthropologists*. J.P. Mason and M.H. Clark, Editors. Dept. of Anthropology, College of William and Mary: Williamsburg, VA.
- Moran, Katy 1992. Introducing Statistical Testing to Standard Ethnography: An Example from Elephant Management in Sri Lanka. *Computer Applications for Anthropologists*. Margaret S. Boone and John J. Wood, Editors. Wadsworth: Belmont, CA.
- Moran, Katy 1992. Ethnobiology and U.S. Policy. *Sustainable Harvest and Marketing of Rainforest Products*. Mark Plotkin and Lisa Famolare, Editors. Island Press: Washington, DC.
- Peters, R.L. and T.E. Lovejoy. 1991. Terrestrial fauna (Chapter 20). Pp. 353-369 in *The Earth as Transformed by Human Action* (B.L. Turner II, W.C. Clark, R.W. Kates, J.F. Richards, J.T. Mathews, and W.B. Meyer, Eds.)
- Peters, R.L. and Lovejoy T.E., (Eds.). 1992. *Global Warming and Biological Diversity*. Yale University Press, New Haven, CT. 386 pp.
- Wirth, T.E. and T.E. Lovejoy. 1991. John Heinz: Environmentalist, Op-ed, The Washington Post, 12 April.
- "Through Carib Eyes: The Columbus Encounter in the Caribbean" The perceptions of Carib and Taino Indians whose ancestors encountered Columbus.
- "Battle Lines: Pressures of the Land" Modern-day struggles over issues of sovereignty.
- "Shared Visions: Art, Music, and Literature" Reflections on cultural continuity by Native American artists, writers, dancers, and musicians.
- "Sustaining Our Communities: Natural Resource Management" An examination of traditional Indian farming techniques and natural resource management practices within various tribal communities.
- "Religious Freedom" A look at the legal challenges to American Indians' religious freedom.
- "America's Heritage: Preserving Our History" The role of cultural centers and the new National Museum of the American Indian in preserving tribal history.
- "Traditional Caring: Non-traditional Health Issues" Confronting contemporary health issues such as diabetes, alcoholism, and AIDS with traditional healing practices.
- "Rebuilding Our Nations" Creative solutions to the problems of economic development in several Native Nations.
- "Education: Becoming a Whole Person" From curriculum design to preservation of language, Native Americans are taking control of their own educational systems.
- "Cultural Identity" The cultural and social bases for contemporary Indian identity among the Houma, Lumbee, and Yaqui.
- "Responding to the Quincentennial" A mosaic of Indian views on the Columbus Quincentenary.
- "The Indian in the Global Mind" The global fascination with Indians, including the use of Indian mascots for non-Indian sports teams.
- "Folk Masters, from the Barns of Wolf Trap," thirteen one-hour stereo programs, produced by the Wolf Trap Foundation for the Performing Arts, WETA-FM, and Radio Smithsonian.
- "Carolina House Party: Parlor Picking, Frolic Fiddling, and Juke Joint Blues" Piedmont blues and parlor tunes sung by Etta Baker, Pappy Sherrill and his old-time country stringband, and country blues and electric boogie with Drink Small.
- "There's Twelve Gates to the City: Black Gospel Styles" The Kings of Harmony brass band from Washington, DC, St. Louis pianist and vocalist Fontella Bass, and the *a cappella* harmonies of the Birmingham Sunlights from Alabama.
- "Masters of the Folk Violin" The late master of Cajun fiddling Dewey Balfa with Steve Riley, New Mexican-style violin virtuosity from the Martinez Family, Anglo-Midwestern fiddling contest champion Kenny Sidle, and the African American Kansas City jazz sounds of 84 year-old Claude Williams.
- "American Indian Music, Dance and Song from the Desert and the Tundra" Athabaskan fiddler Bill Stevens and the Nunamta Yupik Eskimo Dancers from Alaska; the

Office of Telecommunications

Radio Productions

- "Spirits of the Present: The Legacy from Native America" - 13 half-hour programs produced by the Native American Public Broadcasting Consortium and Radio Smithsonian, broadcast on 410 stations in North America. This documentary series about Native American history and culture looks at the life of today's Indians.
- "Messages from the Grandparents" The centuries-old unbroken chain of oral traditions which are passed on to each new generation.

- Cellicion Family Zuni Singers of New Mexico, and the *waila* music of the Joaquin Brothers Band from Arizona.
- "La Isla, La Costa y La Montana: Music from the Spanish Caribbean and Central America" Mexican marimba music with Marimba Chiapas, as well as Familia Colon performing *jibaro* string music from Puerto Rico, and accordion dance music of northern Columbia from Ivan Cuesta y sus Autenticos Vallenatos.
- "Guitar Wizards" A concert of old-time country picking with Wayne Henderson, Hawai'ian slack-key guitar played by Ledward Kaapana, and the blues and jazz of Robert Jr. Lockwood.
- "African Roots: Watch Night, Bucket Men and the Blues" The Old World heritage of Georgia Sea Island ritual and music represented by the McIntosh County Shouters and the new percussive energy of bucket drummers from the streets of the District of Columbia, as well as Big Jack Johnson and the Oilers from Clarksdale, Mississippi.
- "Accordion Kings" The Tex-Mex *conjunto* style of Santiago Jimenez, Jr. alongside the African French Creole sound of Louisiana zydeco from Boozoo Chavis for an evening of accordion squeezing.
- "Blues and Bluegrass in the American Capital" Bridging cultural and generational differences through Virginia Piedmont Blues with John Cephas and Phil Wiggins, and the neo-traditional style of Maryland bluegrass and the Johnson Mountain Boys.
- "Europe in America" Multiculturalism embraces European music as heard in the Tex-Czech sound of Vrazel's Polka Band, the Croatian strings of Slanina Tamburitza, and the Irish music with young virtuosos Seamus Egan and Friends.
- "Rural Electrification: Rockabilly and Western Swing" Western swing from the legendary Texas Playboys and rockabilly from veteran Memphis players, the Sun Rhythm Section.
- "New York Klezmer and New Orleans Jazz" Senior Jewish performers combine with younger musicians from New York City to make up Klezmer Plus, and traditional New Orleans jazz with Dr. Michael White and the Crescent City Serenaders.
- "Best of Folk Masters" Great previously unheard performances from throughout the concert series.
- "Speakers Corner with Roger Mudd" was a weekly one-hour series co-produced by Radio Smithsonian and the William Benton Broadcast Project and distributed on 181 stations from January through June by WFMT Fine Arts Network. The programs featured scholars and experts from Oxford University, the University of Chicago, and Resident Associates Lecture Programs sharing their insights on the arts and humanities, the sciences, politics, and public affairs. Smithsonian programs included:
- S. Schoenbaum: "Shakespeare through a Magnifying Glass": Renowned author and scholar on the Bard, Professor Schoenbaum takes a look at some of the most recent scholarship in this area.
- Herbert Simon: "Artificial Intelligence": A Nobel Laureate in Economics, pioneer of political science, psychology, and management, and founding father of artificial intelligence, Simon examines the evolution of "thinking machines," and the search for new ideas.
- Susan Faludi: "An Undeclared War Against Women?": This Pulitzer Prize-winning author examines the image and treatment of women in American life over the last decade and the growing backlash against women partly due to the success of the women's movement.
- Norman Mailer: "Harlot's Ghost": Prolific author/colorful personality Mailer reads from his long-awaited novel, a penetrating look at the American scene since the end of WW II.
- Andre Previn: "No Minor Chords": Academy-Award winning composer, arranger, and conductor of some of the world's leading orchestras, Previn recalls his years in Hollywood in the 40s, 50s, and 60s.
- Abraham Pais: "Physics, Philosophy, and Politics: The Life and Times of Niels Bohr": Bohr was a giant among 20th-century scientists, a Nobel Prize winning physicist in 1922 who participated in experiments leading to the atomic bomb, but he was also one of the first scientists to recognize the dangers of atomic weapons and organize peaceful uses for atomic energy. Abraham Pais, a physics professor, examines both sides of Bohr's personality.
- Martin Gilbert: "Statesman Extraordinaire: The Life of Sir Winston Churchill": Churchill's biographer addresses the British PM's strong familial and political ties to America.
- Lester Brown: "Saving the Planet": Founder of the Worldwatch Institute, which seeks to educate the public about wasting non-renewable resources and pollution of the Earth, outlines plans for reversing environmental degradation and turning economic growth into environmentally sustainable progress.
- Flora David: "The History of the Women's Movement in America Since 1960": Professor/author David presents an overview of the women's movement from the '60s to the '90s, examining the forces, personalities, victories, and failures of the crusade that has changed our lives.
- "Jazz," a Radio Smithsonian special broadcast during February to commemorate Black History Month, featured jazz enthusiast Julian Bond as host and drew upon performances by the Smithsonian Jazz Orchestra for its music.
- "Indian Airobics," a "Spirits of the Present" special - A variety program of humor, music, and story telling, hosted by actress Elaine Miles and produced by Radio Smithsonian and the Native American Public Broadcast Consortium, brought American Indian performers together for a two-hour program aired on American Public Radio in the fall of 1992.
- "Sovereign to Sovereign," a "Spirits of the Present" special—A discussion program produced by Radio Smithsonian and the NAPBC, posing the question of what might have happened had the European and American governments parlayed with the Indian tribes as full sovereign nations; aired on American Public Radio in the fall of 1992.

Major Film Production

"Dream Window: Reflections on the Japanese Garden," a production of OTC in cooperation with KajimaVision, Tokyo, premiered on PBS on November 6, 1992.

Exhibition Videos

- "American Encounters" - NMAH - Five short videos including "Pueblo Resistance" (14:14); "Many Voices" (9:29); "Hispanic Resistance" (11:20); "Matachines Spanish; Bernalillo" (8:19); and "Matachines Indian; San Juan" (8:01).
- "Perpetual Campaign" - NMAH - Two videos including "The Low Road to High Office" (13:00) and "The People, the President, and the Court" (8:00)
- "Masters of Silver," a 12-minute video to accompany the SITES exhibition "English Silver: Masterpieces by Omar Ramsden," premiered at The Chicago Art Institute in June, 1992 - the first stop on the exhibition's 12-city tour in the U.S. and Canada.
- "Ancient Japan," an introduction to the Sackler Gallery of Art's exhibition of the same title, highlights two distinct early Japanese cultures: the Jomon and the Yayoi and the archeological finds that are shedding light on these societies.
- "To Achieve These Rights: The Struggle for Equality and Self Determination in the District of Columbia, 1791-1978," a video epilogue, premiered in the exhibition of the same title at the Anacostia Museum in January, 1992.

Smithsonian Resident Associate Program

Office of the Director

Solinger, Janet W., ed., *MPR News* published by the Museum Public Relations Committee, International Council of Museums (ICOM), Vol. I, Nos. 2 and 3, 1991; Vol. II, No. 1.

Affiliated Organizations

Reading Is Fundamental

RIF Newsletter. Published three times a year, the *Newsletter* reports on RIF activities nationwide. A technical assistance insert, addressing local projects' requests for information on how to motivate youngsters to read, is included in *Newsletters* sent to RIF projects. The *Newsletter* reaches 18,000 people throughout the United States and offshore territories.

Nine Million Times a Year. A brochure describing the RIF organization, its goals, and its programs.

The Fun & Fundamentals of Running a RIF Project. A brochure outlining the basic details on running a RIF program.

The RIF Handbook: How to Run a Successful Reading Is Fundamental Project. A technical assistance manual to help RIF volunteers organize and operate an effective reading motivation program. Includes an overview of RIF as well as sections on fundraising, book selection and ordering, and activities to motivate reading.

"Growing Up Reading" Workshop Guide. This 72-page guide gives step-by-step instructions on how to conduct a "Growing Up Reading" workshop for parents.

A Guide to RIF's Family Literacy Programs. An 81-page booklet providing an overview of various ways RIF programs have been used to promote family literacy.

"Parent Guide" Brochures. A series of 12 brochures on the topics "Choosing Good Books for Your Children," "TV and Reading," "Reading Aloud to Your Children," "Upbeat and Offbeat Activities to Encourage Reading," "Teenagers and Reading," "Children Who Can Read, But Don't...," "Encouraging Soon-To-Be Readers," "Magazines and Family Reading," "Family Storytelling," "Building a Family Library," "Encouraging Young Writers," "Summertime Reading."

The RIF Guide to Encouraging Young Readers. (Doubleday, 1987). A sourcebook of activities, children's book suggestions, and resources for parents.

Reading Is Fun! Tips for Parents. A booklet offering suggestions on how to encourage children up to the age of eight to read.

When We Were Young: Favorite Books of RIF Kids, RIF Volunteers, and Readers of Renown. Forty-page list of favorite children's books. Includes personal recommendations of some 80 public figures.

Helping Your Children Become Readers/Como Ayudar a Que Sus Ninos Sean Buenos Lectores. Available in English or Spanish, this reproducible, illustrated brochure features 10 reading tips in simple language.

The Family Facts Book. A 24-page booklet provides a place to keep important information about your children; also features tips on raising readers.

Shared Beginnings® Idea Book: Tips and Activities for Young Families and Their Babies. With an illustrated format designed to appeal to teenage parents, this publication features more than 100 ideas for nurturing emergent language and literacy in infants and toddlers. Includes rhymes, songs, and fingerplays.

Family of Readers™ Handbook. This publication provides a group of parents with easy-to-read guidelines for running a RIF program for their children.

Family of Readers™ Album: Fun Things to Read and Do Together. This family activity booklet features a collection of ideas, writing games, and color-in pages that provide creative fun and also build language and reading skills.

Appendix 6

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The Board of Regents and the Secretary of the Smithsonian join with the entire staff in thanking all of the Institution's friends for the generosity they have shown with their financial support, gifts to the collection, and in-kind donations. Gifts are recorded under the title of the recipient bureau or office, with a brief description of the gift where appropriate. If perchance the name of any donor has been omitted from these lists, it is an inadvertence and in no way diminishes the Institution's gratitude. Many gifts were received from donors who prefer to remain anonymous; the Smithsonian wishes to thank these people, as well, for their support.

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Field Museum of Natural History: 47 plants (397257, 398137).

Herbario Universitario, Venezuela: 657 plants (398628).

Universidade de Sao Paulo, Brazil: 653 plants (399018).

Universidad Nacional Autonoma de Mexico, Mexico: 102 plants (401429).

Exchange

Academy of Sciences, Russia: 100 plants (396914); 101 fishes (399281).

American Museum of Natural History: 1 meteorite spec. (382912).

Australian Institute of Marine Science, Australia: 8 crustaceans (399281).

Australian Museum, Australia: 6 fishes (398324).

Australian National University, Australia: 25 plants (397244).

Bernice P. Bishop Museum: 205 plants (398698, 399043); 10 fishes (397399).

Biologische Anstalt Helgoland, Germany: 7 crustaceans (397496).

California Natural History Museum of Los Angeles County: 37 worms (379361).

California, University of: 48 plants (397277); 1 fish (399305).

Canadian Museum of Nature, Canada: 158 plants (397296).

Colorado, University of: 3 fossil primate casts (399813).

Copenhagen, University of, Denmark: 56 plants (399040).

Departamento de Recursos Naturales, Puerto Rico: 113 plants (398159).

Field Museum of Natural History: 81 plants (399023, 401430).

Florida, University of: 7 casts of fossil mammal (397941).

Goteborg, University of, Sweden: 71 plants (401434).

Harvard University: 207 plants (398692); 3 fishes (357201, 394288); 1 fossil cast (399737).

Herbario Barbosa Rodriguez (HBR), Brazil: 50 plants (398624).

Herbarium Jutlandicum, Denmark: 888 plants (398620).

Huntsman Marine Laboratory, Canada: 9 fishes (374813).

India, Zoological Survey of, India: 15 fishes (400856).

Institute of Volcanic Geology and Geochemistry, Russia: 88 volcanic rocks (400282).

Jardin Botanico Nacional, Dominican Republic: 109 plants (398701).

Lamar University: 1 fossil cast of a skull and jaws (397960).

Miami, University of: 13 fishes (281161).

Minnesota, University of: 13 caddisflies (399930).

Missouri Botanical Garden: 205 plants (398194, 401157).

Moscow State University, Russia: 4 crustaceans (394153).

Museo Civico di Storia Naturale, Italia: 48 fishes (400875).

- Museo Civico di Storia Naturale, Italy: 4 sawflies (397206); 48 fishes (400875).
- Museo Nacional de Historia Natural, Bolivia: 406 plants (398122).
- Museo de Historia Natural, Peru: 571 fishes (396920).
- Museu Paraense Emilio Goeldi, Brazil: 6 fossil dungong casts (399811).
- Museum National D'Histoire Naturelle, France: 181 plants (397279); 5 fishes 397439, 399291).
- National Taiwan University, Republic of China: 15 fishes (332600).
- National Tropical Botanical Garden: 241 plants (398690, 401846).
- Naturhistorisches Museum Wien, Austria: 3 ants (397208).
- Natuurmuseum Rotterdam, The Netherlands: 6 birds (397099).
- Otago, University of, New Zealand: 2 fossil reptile bones cast (397961).
- Philadelphia Academy of Natural Sciences: 7 fishes (304659); 136 bird mummies (400823).
- Pontificia Universidade Catolica do Rio Grande do Sul Museu, Brazil: 68 fishes (397414).
- Queensland Herbarium, Australia: 31 plants (399035).
- Royal Botanic Gardens, England: 17 plants (398669).
- Texas, University of: 91 plants (395492, 398691, 399003).
- Tulane University: 119 plants (401155).
- Tyrrell Museum of Palaeontology, Canada: 5 fossil bird bones casts (395667).
- University Marine Biological Station Millport, Scotland: 7 crustaceans (392625).
- Universidad de Antioquia, Colombia: 1 plant (398131).
- Universidad Nacional Autonoma de Mexico, Mexico: 464 plants (397281).
- Universidad Nacional de Colombia, Colombia: 7 plants (399063).
- Universidade de Brasilia, Brazil: 16 plants (398647).
- Utah State University: 35 plants (401207).
- Washington, University of: 63+ echinoderms (335865).
- Western Australian Museum, Australia: 11 shrimps (385037); 6 plants (302244); 3 fishes (399366).
- Yale University: 1 meteorite (322556).
- Zoological Museum, Russia: 2 beetles (399886).
- Gift*
- Aarhus Universitet, Denmark: 109 plants (397272, 397328, 399074).
- Academy of Natural Sciences, Russia: 22 worms (400252).
- Agriculture Canada, Canada: 4 wasps (399529).
- Alabama, University of: 15 crustaceans (395957).
- American Museum of Natural History: 22 wasps (398385).
- Amsterdam, University of, Netherlands: 26 plants (398676, 398682).
- Archbold Biological Station: 13 wasps (401377).
- Arizona, University of: 77+ mollusks (396239, 398198); 94 plants (398650, 398999, 399039).
- Arkansas State University: 3 beetles (399945, 401337); 20 crustaceans (346020, 397528).
- Asociacion Jardin Botanico La Laguna, El Salvador: 26 plants (398635).
- Atlantic County New Jersey Office of the Prosecutor: 1 nearly complete human skeleton (390883).
- Australian Museum, Australia: 20 crustaceans (397513); 5 worms (400247).
- Australian National University, Australia: 13 echinoderms (399248).
- Bermuda Aquarium, Natural History Museum and Zoo, Bermuda: 2 worms (397386).
- Bernice P. Bishop Museum: 5 fishes (397428, 398852, 400907); 3 plants (399044, 402232).
- Biological Survey, New York St. Education Dept.: 7 flies (401718).
- Biologische Anstalt Helgoland, Germany: 2 crustaceans (397500).
- Bioloski Instiut Jovana Hadzija, Yugoslavia: 100+ mollusks (398248).
- Black Hills Institute of Geological Research, Inc.: 3 fossil bird skeletons (398525).
- Bowling Green University: 86 fossils (399733).
- Bridgewater State College: 2 worms (325520).
- Brigham Young University: 3 crustaceans (397482).
- British Museum (Natural History), England: 3 crustaceans (397482); 1 fish (400866); 88+ echinoderms (395463).
- Brown University: 22 crustaceans (395990).
- CRIP—Patzcuaro, Mexico: 34 crustaceans (397493).
- California Natural History Museum of Los Angeles County: 33 echinoderms (395432); 559 mollusks (398208, 398211).
- California State University: 10 echinoderms (401500).
- California, University of: 112 plants (397317, 397662, 397707, 398141, 398148, 3999024, 399033); 5 crustaceans (399375); 109+ echinoderms (395472, 395639, 399232, 399234, 397774, 400866).
- Cambridge, University of, England: 1 echinoderm (401486).
- Canadian Museum of Nature, Canada: 1 worm (397353).
- Canfield Fund: 20 minerals (394565, 396328, 396369, 396388, 397000, 397034, 398727, 398734).
- Carleton University, Canada: 3 beetles (399862).
- Carnegie Museum: 6 insects (399498, 398498, 401744).
- Cedem International: 3 sponges (399263).
- Central Michigan University: 1 protozoan slide (397791).
- Centre ORSTOM de Cayenne, France: 476 plants (396893, 396894, 396895, 396896, 396898, 396899, 396900, 396901, 396902, 398151, 398178, 398674, 398679, 399005, 399047, 401856).
- Centre de Rechercher Oceanographique, Republique de Cote D'Ivoire: 80+ fishes (252914).
- Centro de Ecologia Aplicada del Litoral, Argentina: 9 crustaceans (392619).
- Centro Internacional de la Papa, Peru: a plant (398134).
- Centro Investigaciones de Quintana Roo, Mexico: 29+ crustaceans (392612, 397521, 399462, 399462, 399468).
- Chamberlain Fund: 2 lots and 7 minerals (394512, 397002, 398722, 398735).
- Charleston Museum: 8 barkcloths, ornament, drum, and Man-catcher (390861).

- Clemson University: 2 crustaceans (395979, 401062).
- Coastal Planning & Engineering: 1 sponge (399237).
- Columbus America Discovery Group: 17 echinoderms (386969).
- Companhia Vale do Rio Doce, Brazil: 17 plants (398129).
- Conservatoire et Jardin botaniques de la Ville de Geneve, Switzerland: 1 plant (397245).
- Continental Shelf Associates: 4 echinoderms (395470, 399241).
- Coral Reef Research Foundation, Federated States of Micronesia: 24+ echinoderms (401502).
- Cornell University: 5 fishes (399286).
- Costa Rica, University of, Costa Rica: 2 echinoderms (399271).
- Cove Corporation: 6,008+ worms (395803, 397360).
- Defenders of Wildlife: 4 birds (399840, 400806).
- DEIXIS: 2,090+ mollusks (396270, 396302, 398225, 398265, 400404).
- Departamento de Biologia-FFCLRP, Brazil: 15 fishes (399369).
- Drake Fund: 4,926 insects (401965).
- Drew University: 35 worms (313962).
- Eastern Connecticut State University: 1 plant (397697).
- Eastern Marine Fisheries Development Center, Thailand: 73+ worms (386724, 388559).
- Fairchild Tropical Garden: 9 plants (401841).
- Field Museum of Natural History: 5 plants (391726).
- First National Bank of Cincinnati: 7 ethnological artifacts (380523).
- Fisheries Institute, Egypt: 2 echinoderms (395462).
- Florida, Department of Agriculture and Consumer Service: 90+ crustaceans (401066).
- Florida, Cooperative Extension Service: 20+ worms (400251).
- Florida, Department of Natural Resources: 2 echinoderms (399248); 1 crustacean (399459).
- Florida Oceanography Society: 20+ crustaceans (397447).
- Florida, University of: 5 wasps (398370); 1 plant (398621); 2 fossil sirenian skeleton and skull casts (399096).
- Fundacao Universidade de Brasilia, Brazil: 1 plant (397692).
- Genstar Stone Products Company: 1 mineral (397031).
- Geobotanisches Institut Ethz, Switzerland: 2 plants (399036).
- George Washington University: 500+ echinoderms (397758).
- Georgia, University of: 128 mites (398965).
- Ghent State University, Belgium: 12 crustaceans (395958).
- Global Diamonds, Inc.: 1 set of diamond alphabet letters (394558).
- Guam, University of, Guam: 1 echinoderm (401487).
- Guatemala Methods Med. Fly Station, Guatemala: 32 flies (401724).
- Gulf Coast Research Laboratory: 20 crustaceans (303107, 401080).
- Harbor Branch Oceanographic Museum: 7 echinoderms (399230).
- Harvard University: 4 worms (397348); 15 plants (398622).
- Hawaii, University of: 10 fishes (394952); 200+ worms (395806); 5 fossils (397882).
- Heard Natural Science Museum & Wildlife Sanctuary: 8 crustaceans (394093, 395945).
- Herbario Barbosa Rodrigues - HBR, Brazil: 110 plants (398698, 399019).
- Herbario Nacional de Venezuela, Venezuela: 2 plants (399017).
- Herbario Universitario, Venezuela: 8 plants (398124).
- Hokkaido Tokai University, Japan: 35 mites (398904); 25+ crustaceans (399419).
- Idaho, University of: 1 plant (398662).
- Indiana University: 37 crustaceans (397506).
- Institut za Biologiju, Yugoslavia: 31 crustaceans (395971).
- Institute of Marine Biology, USSR: 22 worms (400252).
- Institute of Marine Sciences: 25 crustaceans (399227); 4 protozoan slides (397765, 399227).
- Institute of Systematic Botany, The Netherlands: 192 plants (397674, 397674, 401776, 402225).
- Institute of Wildlife & Environmental Toxicology: 2 crayfish (401062).
- Instituto de Biologia, UNAM, Mexico: 1 damselfly/dragonfly (401310).
- Instituto de Botanica Darwinion, Republica Argentina: 26 plants (397663).
- Instituto de Ciencias del Mar Barcelona, Spain: 33 crustaceans (399466).
- Instituut voor Taxonomische Zoology, The Netherlands: 12+ mollusks (396236, 396308); 16 worms (400235).
- Iowa, University of: 373+ echinoderms (392622).
- James Madison University: 14 crustaceans (401064).
- Jardim Botanico do Rio de Janeiro, Brazil: 10 plants (391260).
- Johns Hopkins University: 2 echinoderms slides (395473).
- Jorge Tadeo Lozano University, Colombia: 10 echinoderms (401485).
- Kansas, University of: 12 scorpionflies (401742).
- Karachi, University of, Pakistan: 2 crustaceans (399464).
- Kentucky, University of: 2 plants (397689).
- King Fahd University of Petroleum & Minerals Resources Institute, Saudi Arabia: 3 worms (371256).
- Louisville, University of: 3 mollusks (398237).
- Lund Universitet, Sweden: 30 protozoans slides (399257, 399405, 401498).
- Malay, University of, Malaysia: 16+ echinoderms (397752).
- Maine, University of: 11 crustaceans (395982).
- Marine Biological Laboratory: 81 crustaceans (401054).
- Marine Environment Consortium: 2 echinoderms (393656).
- Massachusetts, University of: 191 fishes (397433).
- McGill University, Canada: 55 plants (397720).
- Miami, University of: 14+ echinoderms (237045).
- Michigan, University of: 477 crustaceans (362528).
- Mineral Fund: 29 minerals (388290, 393152, 394564, 396370, 396402, 396403, 396404, 396405, 397003, 397004, 397005, 397006, 397007, 397008, 397039, 397055, 397089, 398737).
- Ministerio rio del Ambiente, Venezuela: 19 plants (402241).

- Minnesota, University of: 13 caddisflies (399930).
- Missouri Botanical Garden: 1,808 plants (397271, 398106, 398117, 398140, 398702, 399070, 401829).
- Montana, University of: 8 plants (398110).
- Museo Botanico Municipal, Brazil: 18 plants (401449).
- Museo Civico Di Storia, Italy: 19 sawflies (401303).
- Museo Nacional de Costa Rica, Costa Rica: 2 plants (401775).
- Museo Botanico Municipal, Brazil: 46 plants (397320).
- Museo Nacional (UFRJ), Brazil: 12 corals (397751).
- Museum National d'Histoire Naturelle, France: 5 mollusks (397460); 21 crustaceans (397460, 401061).
- Museum of New Zealand Te Papa Tongarewa, New Zealand: 60 fishes (402123).
- Museum of Shells & Marine Life: 3 crustaceans (391371).
- Nanjing University, Peoples Republic of China: 2 plants (397736).
- National Institute of Oceanography, India: 32 crustaceans (307459).
- National Museum of Natural History, The Netherlands: 566+ crustaceans 395941).
- National Museum of New Zealand, New Zealand: 5 birds (399207).
- National Natuurhistorisch Museum, The Netherlands: 1 echinoderm (397793).
- National Sun Yat-sun University, Republic of China: 1 echinoderm (395460).
- National Taiwan Ocean University, China: 5 crustaceans (397503).
- National Taiwan University, China: 2 fishes (397406).
- New Hampshire, University of: 2 caddisflies (398388).
- New Mexico State University: 10 plants (397248).
- New York Botanical Garden: 157 plants (397286, 397314, 401786).
- New Zealand Oceanographic Institute, New Zealand: 125+ echinoderms (373872).
- North Carolina Central University: 59 echinoderms (397747, 399268).
- North Carolina Wildlife Resources Commission: 250+ clams (398280).
- North Carolina, University of: 15 fossils (399760).
- Northeastern University: 50+ worms (312973).
- Northern Arizona University: 3+ echinoderm slides (399225, 401501).
- Northern Territory Museum of Arts & Sciences, Australia: 12 echinoderms (393685); 1 crustacean (386595).
- Nova Oceanographic Center: 20 corals (395471).
- Of Sea And Shore, Inc.: 11 crustaceans (391371, 397445, 399469).
- Ohio State University: 1 crustacean (399422).
- Oklahoma, University of: 2 echinoderms (399240, 399262).
- Old Dominion University: 15 crustaceans (397464); 25+ mollusks (398283).
- Oporto, University of, Portugal: 2 echinoderm slides (399244).
- Oregon State University: 1 plant (401844).
- Oregon, University of: 70 fishes (397415).
- ORSTOM Direction Generale, Bolivia: 3 plants (398156).
- Philadelphia Academy of Natural Sciences: 50+ mollusks (396286); 62 plants (398135).
- Pittsburgh, University: 20 worms (400269).
- Plymouth Marine Laboratory, United Kingdom: 7 crustaceans (395976, 399428).
- Pont Universidad Catolica do Rio Grande do Sul, Brazil: 50+ fishes (402148).
- Puerto Rico, University of, Puerto Rico: 24 crustaceans (363003, 397457, 399418); 7 fishes (398322).
- Queensland Institute of Medical Research, Australia: 204 crustaceans (295929).
- Royal British Columbia Museum, Canada: 2 dragonflies (398389).
- Royal Ontario Museum, Canada: 7 fishes (399368); 12 insects (401698, 401746).
- San Diego Natural History Museum: 11 mollusks (398211, 398238).
- San Diego State University: 1,100+ crustaceans (399391).
- San Diego Water Utilities Department and Metro Wastewater Division: 6 crustaceans (399410).
- Saratov State University, Russia: 82 fossils (399797).
- Science Application International Corporation: 55+ crustaceans (367996); 5 worms (400244).
- Sea Fisheries Research Institute, South Africa: 1 crab (397514).
- Shannon Point Marine Center: 11 crustaceans (395951, 395953).
- Shikoku University, Japan: 4 crustaceans (399415).
- South Alabama, University of: 2 crustaceans (392626).
- South Australian Museum, Australia: 5 echinoderms (395461, 399143).
- South Carolina Department of Wildlife and Marine Resources: 2 crustaceans (401034).
- South Carolina, University of: 5 plants (401835).
- Southern Arkansas University: 156+ crustaceans (395965, 397446, 399385, 399426, 399435).
- Southern California, University of: 2 echinoderms (397788, 399754).
- Southern Illinois University: 83 crustaceans (399453).
- Springer Fund: 25+ fossils (396708).
- State University of New York: 7 crustaceans (399467).
- Stirling, University of, United Kingdom: 20+ mollusks (398205).
- Stuart Fund: 6 minerals (393134, 396406, 396999, 397017, 398730).
- Sussex, University of, United Kingdom: 3 crustaceans (399395).
- Swedish Museum of Natural History, Sweden: 20+ mollusks (396294).
- T. F. H. Publications, Inc.: 2 fishes (399288).
- Texas A & M University: 41 crustaceans (397459, 399413, 399414).
- Texas, The University of: 2 worms (316830); 12 plants (399067, 399645).
- Tokyo, University of, Japan: 1,246 echinoderms (392211).
- Toronto, University of, Canada: 2 crustaceans (396005).
- Transkei, University of, South Africa: 29 plants (397318).
- Tulane University: 7 fossils (394083, 399734).
- Tulsa, University of: 1 mollusk (398276).
- UNELLEZ—Guanare, Venezuela: 16 plants (391727).

- UNESP—Campus Rio Preto, Brazil: 65 ferns (401828).
- Unidad Merida, Mexico: 12+ worms (394236).
- Universidad Austral, Chile: 5+ crustaceans (392655); 12 fishes (400882).
- Universidad Central de Venezuela: 13 plants (399042).
- Universidad de Antioquia, Colombia: 15 plants (391725, 397678, 401852).
- Universidad de Caldas, Colombia: 114 plants (375164).
- Universidad de Concepcion, Chile: 2 crustacean (399423).
- Universidad de Los Andes, Venezuela: 1 plant (398697).
- Universidad del Valle: 62 plants (398700, 399030, 402239).
- Universidad Mayor de San Andres, Bolivia: 3 plants (391729).
- Universidad Nacional Autonoma de Mexico, Mexico: 10+ worms (395804); 40+ crustaceans (341564); 4 plants (397280).
- Universidade de Sao Paulo, Brazil: 22 worms (269449); 16 plants (398677); 10 fishes (400847); 30 crustaceans (401089).
- Universidade Estadual de Campinas (UNICAMP), Brazil: 4 plants (396913, 398115).
- Universidade Estadual Paulista 'Julio de Mesquita Filho', Brazil: 20 plants (398115).
- Univerdade Federal de Minas Gerais, Brazil: 3 beetles (400570).
- Universidade Federal de Pernambuco, Brazil: 19+ crustaceans (395966).
- Universitat Hamburg, Germany: 3 crustaceans (395983); 2 fishes (397402).
- Universitat Wien, Austria: 6 plants (398653).
- Universite de Provence, France: 6 worms (397372).
- University Marine Biological Station, Scotland: 10 crustaceans (397536).
- Vermont, University of: 16 crustaceans (396003).
- Vienna, University of, Austria: 4 worms (321398).
- Virginia Department of Transportation: 1 mineral (400702).
- Virginia Highlands Community College: 1 plant (397725).
- Virginia Living Museum: 3 birds (389378).
- Washington Hilton Hotel: 1 snowy owl (399209).
- Washington, University of: 125 worms (305921, 376791).
- West Florida, University of: 1 echinoderm slide (395449).
- West Indies, University of the, Jamaica: 4 crustaceans (399406); 18 fishes (400879).
- Western Australian Museum, Australia: 2 crustaceans (397505).
- Western Kentucky University: 650+ crustaceans (340519).
- Western Pennsylvania Conservancy: 17 crustaceans (397478).
- Wildlife Research Laboratory: 23 crustaceans (399454, 401058).
- Wittenberg University: 10 crustaceans (396000).
- Woods Hole Oceanographic Institution: 5 mollusks (396293); 1 echinoderm (397768).
- Zhongshan (Sun Yatsen) University, China: 19 plants (402228).
- Zoologisk Museum, Denmark: 38 worms (397347).
- Found in Collections*
- Smithsonian Institution: 5 archeological artifacts (361220); 4,308 invertebrate, vertebrate & botanical fossils (382505); 50+ mollusks (396240); 107 birds (398577).
- Transfer*
- Agriculture, U. S. Dept. of: 91 plants (397278, 397306, 398696); 15,735 insects (397178, 401927).
- Commerce, U. S. Dept. of: 120+ crustaceans (380018, 381750); 755 fishes (394276, 396956, 398344, 399293, 400917); 687+ worms (395797, 397354).
- Cooper-Hewitt Museum: 1 feather blanket (378797).
- Defense, U. S. Dept. of: 85+ crustaceans (335517, 397504).
- Harbor Branch Oceanographic Institution: 1 worm (395444).
- Hirshhorn Museum & Sculpture Garden: 688 artifacts (370312).
- Interior, Dept of: Bureau of the Mines: 1 mineral (396375); Fish & Wildlife Service: 4 crustaceans (395938); 337 birds (358569, 398575); 5 crustaceans (397454, 397498); 2 fishes (246720); 98 mammals (402349); 2 mollusks (391329); a fossil walrus skull (396672); U. S. Geological Survey: 9 minerals (400703, 400726); 834 fossils (393093, 396651, 397959, 398524, 398539, 399112, 399113, 399114, 399116, 399139, 399187, 400960, 400994, 401619); 2 pumice stones and 1,185 volcanic rocks (393446, 394614, 394618, 400284, 400289); National Park Service: 175 crustaceans (372909); 44 plants (397727, 398639, 398673).
- National Science Foundation: 912 Antarctic meteorites (401657).
- Smithsonian Astrophysical Observatory: 1 meteorite (398975).
- Smithsonian Environmental Research Center.: 33 crustaceans (395960).
- Smithsonian Museum of American History: 8 Polynesian barkcloths (390913).
- Smithsonian National Zoological Park: 18 mammals (397795); 15 birds (398076, 398576).
- Smithsonian Sorting Center: 16,858 crustaceans (383101, 389889); 3,186 echinoderms (395425, 401494); 65 fishes (398817); 21,521+ worms (280625, 311230, 327597, 397346); 70+ fossils (397877).
- Individuals*
- Collected for the Museum*
- Pedro Acevedo: 996 plants (397688, 399065, 399066, 399078, 399081, 401470).
- Dr. R. Aronson: 22 echinoderms (390717).
- George Barrett, Sr.: 2 birds (254031).
- J. Benito: 1 worm (400241).
- Dr. Thomas E. Bowman: 33 crustaceans (401063).
- Michael Brett-Surman: 1 dinosaur fossil (400949).
- Dr. Stephen D. Cairns: 80+ corals (395446).
- Luis Chiappe: See also Dr. Storrs L. Olson (398592).
- Francisco Dallmeier: 37 plants (399002).
- Dr. Don R. Davis: 1,765 insects (401988).

- Dr. Carlos A. S. de Lucena: 1,702 fishes (398319).
- Dr. Pete J. Dunn: 25+ minerals (397015, 400741).
- Robert B. Faden: 59 plants (399062).
- Dr. Kristian Fauchald: 813+ worms (395795, 400239).
- Christian Feuille: 179 plants (380171, 398123).
- Dr. Oliver S. Flint, Jr.: 3,238 misc. insects (398882, 398928).
- Dr. Kurt Fredriksson: 4 volcanic rocks (400281).
- Vicki Funk: 133 plants (378296).
- Dr. Gary R. Graves: 80 birds (399218).
- Roger B. Griffiths: 55+ crustaceans, 2 fishes (399448).
- Gerald F. "Stringer" Guala: 112 plants (397335).
- Dr. M. G. Harasewych: 4 fossils (386328).
- Elizabeth Harris: 120 plants (399999).
- Dr. Robert Hershler: 34,990 mollusks (398284).
- Dr. Leo J. Hickey: 18 fossil plants (401590).
- William Hilgartner: 14 plants (398126).
- Bruce Hoffman: 2000 plants (399998).
- Dr. Nicholas Horton III: 12 fossil vertebrates (376416).
- Dr. Richard S. Houbick: 15+ freshwater snails (396272).
- Dr. G. David Johnson: 459+ fishes (398849).
- Dr. Brian Kensley: 100+ echinoderms (397524); 200+ worms (337561, 397524).
- John Kilar: 700 plants (381349).
- Dr. Robert Merrill King: 80 plants (399635).
- Dr. Karen Koltes: 34 crustaceans (380009).
- W. John Kress: 91 plants (398099, 399055, 399658, 400650, 401215, 402233, 402235).
- Peter Kroehler: 7 slabs of fossil footprints (399128).
- J. Jerry Landye: 250+ freshwater snails (398247).
- Ronald J. Larson: 1 lizard (300990).
- William D. Lee: 12 crustaceans (401036).
- Niles Lindquist: See also John Lindquist (381349).
- Dr. Raymond B. Manning: 3 crabs (401037).
- Dr. Brian Mason: 100 rocks (397860, 400280).
- Dr. Wayne N. Mathis: 1,148 misc. insects (401745).
- Dr. James G. Mead: 3 assorted marine mammals (397819).
- Dr. Jon Norenburg: 6 worms (400240).
- Dr. Storrs L. Olson: 319 birds (398592).
- F. Pardos: See also J. Benito (400241).
- Dr. Lynne R. Parenti: 1933 fish (395699).
- Dr. David Pawson: See also Dr. R. Aronson (390717).
- Paul M. Peterson: 683 plants (401798).
- George Phebus: 108,018 archaeological artifacts (361357).
- Paul W. Pohwat: 6 minerals (396995).
- Dr. Jeffrey E. Post: 19 minerals (400733, 400761).
- Dr. Kenneth Rasmussen: 1 echinoderms (401496).
- Timothy Rose: See also Dr. Jeffrey Post; (400761); 10 minerals (400762); See also Dr. M. Wise (397061).
- Charles A. Ross: 1 fish (392757).
- Dr. Greg Rouse: 20+ worms (395794); See also Linda Ward (397392).
- Dr. Stanwyn G. Shelter: 50 plants (402224).
- Dr. I. G. Sohn: 1 coral (396631).
- Larry Spear: 93 seabirds (395734).
- Dr. Dennis Stanford: 22 artifacts (369882).
- Michael J. Sweeney: 3,000+ worms (329634).
- Paul Taylor: 1 plant (381289).
- Dr. Warren L. Wagner: 369 plants (397694, 399585, 399610, 399619, 400042, 401227).
- Linda A. Ward: 874+ worms (397392).
- Waldo R. Wedel: 354 lithic & bone artifacts (356620).
- Dr. Austin Williams: 5 crustaceans (401087).
- Jeffrey T. Williams: 7,442 fishes (390807); 6 crustaceans (397403).
- Robert Wilson: See also Linda Ward (397392).
- Dr. M. Wise: 18 minerals (397061).
- Dr. Ellis L. Yochelson: 10 fossils (396641).
- Exchange*
- Dr. Masaki Abe: 23 North American sawflies (399535).
- Dr. John Bailey: 19 volcanic rocks (397854).
- Dr. Shelby J. Boardman: 3 meteorites (398972).
- Dr. Jose Bonaparte: 25 casts of fossil mammal teeth (398502).
- Robert A. Haag: 2 meteorites (396987).
- Dr. Marian Kotrba: 25 flies (401692).
- Dr. V. A. Mutin: 18 flower flies (401946).
- Dr. James Schwade: 8 meteorites (389695, 393419, 393428, 401881).
- Dr. Masahiro Tanimoto: a cast of a fossil dinosaur tooth (396688).
- Dr. Fouad Tera: 1 meteorite (402481).
- Prof. Rodolfo Trevino: 8 meteorites (335609).
- Gift*
- Paul M. Adams: 1 mineral (397027).
- Velma Adams (Deceased): 2 necklaces (390868).
- Dr. Peter H. Adler: 2,383 miscellaneous insects (398884).
- Donald W. Agee: 1 fossil bone (396697).
- Professor Edward Anders: 7 meteorites (402474).
- Arthur Anderson: 1 cut beryl (400713).
- William R. Anderson, Jr.: a stone pipe (390869).
- Matthew C. Andrea: 1 fossil bird (401544).
- Dr. Fred G. Andrews: 2 beetles (398872).
- J. Philip & Claudia J. Angle: 3 frozen birds (397122).
- Larry Anitorn: 17 spiders (399865).
- Dr. Shelton P. Applegate: 1 fossil cast (395640).
- Dr. Brian Armitage: 46 misc. insects (397199, 401750).
- Dr. Paul H. Arnaud, Jr.: 115 flies (398877).
- John F. Arthur: 3 fossils (397943).
- Dr. Sidney R. Ash: 21 fossil plants (399730).
- Wallace Ashby: 1 fossil (398526).
- Mr. & Mrs. Wallace L. Ashby: 12 fossil bird bones (398498, 398526, 400974).
- Dr. T. H. Atkinson: 14 beetles (401713).
- Merle Ayres: 3 fossil gastropods (397929).
- Dave Baggett: 42 misc. insects (398929).
- Dr. Julie Bailey-Brock: 5+ worms (390384).
- Mr. & Mrs. Wayne & Aura Baker: 7 fossils (397953).
- Dr. George E. Ball: 2 beetles (398943).
- Norman G. Banks: 5 pumice stones (397857).

- Dr. Richard Banks: 1 bird (397121).
 Carlos do Prado Barbosa: 3 mineral (397012).
 Professor Daniel S. Barker: 3 lava specs. (394613).
 Lawrence V. Basch: 7 worms (355140).
 Fred Bauer: 16 parrots (398582).
 Dr. R. S. Beal, Jr.: 2 beetles (401924).
 Dr. William C. Bean: 22 fossil seal bones (397963).
 Dr. Vitor O. Becker: 237 moths (401314).
 Dr. Bruce Beehler: 1 bird (398073).
 Denton Belk: 75+ crustaceans (395973).
 John Bell: 2 fossil bird bones (398499).
 Dr. Charles L. Bellamy: 4 beetles (398959).
 Dr. Juan L. Benedetto: 283 fossils (401003).
 Dr. Richard H. Benson: 6 fossil shark teeth (395668).
 Dr. Alain Bernard: 2 pumice stones (400295).
 Joseph Bernstein: 4 fossils (393072, 401018).
 Mike Bies: See also Rodger Inman (401014).
 Mrs. Corry Bintaldjemur: 1 calcite, 4 quartzs & 1 necklace quartz (397025).
 Dr. Gale Bishop: 2 fossil crabs (399115).
 Dr. P. R. Bitschene: 2 volcanic ash & 1 pumice (394615).
 Dr. Robert B. Blodgett: 1 fossil (398484).
 Doug Boerner: 1 meteorite (398563).
 Mrs. Paula W. Bohaska: 1 fossil shark tooth (396661).
 Dr. L. Botosaneanu: 3 caddisflies (399515).
 Dr. David E. Bowles: 14 caddisflies (401701, 401719).
 Professor Samuel Bowring: 2 volcanic rocks (397864).
 Dr. Alan Brady: 140 spiders (401989).
 E. Brawnlee: 1 bird (399854).
 Dr. Carlton E. Brett: 25+ items (396708).
 Jake Brodzinsky: 1 moth (398963).
 David R. Brosnahan: 2 minerals (397018).
 Dawn Brown: 2 fossil bones (397903).
 Richard Brown: 10 frozen birds (399843).
 Dr. Richard L. Brown: 4 moths (398422).
 E. Fulton Brylawski: 1 baboon mummy (390890).
 Dr. Vagn F. Buchwald: 1 meteorite (398558).
 Dave Bunk: 3 minerals (396997).
 Dr. G. David Buntin: 1 wasp (398418).
 Dr. Eugene M. Burreson: 20+ worms (395802, 400264).
 Dr. George W. Busby, III: 49 butterflies (398905).
 Dr. J. E. Carico: 450 spiders (401978).
 Dr. Tom Casadevall: 2 pumice stones (400294).
 Cynthia G. Cassey: 60 ethnological artifacts (390896).
 Robert Caswell: 1 bird (399195).
 Wingfield N. Chamberlain: 2 Chinese porcelain vases (390881).
 Dr. Joan B. Chapin: 2 beetles (399528).
 Steve Church: 40 fossils (399821).
 Dr. Wayne E. Clark: 1 beetle (398960).
 Mrs. Nancy Clarke: 512 moths (399521).
 John Claytor: 1 fossil manatee bone (399159).
 Roger Clinch: 2 fossils (396635, 399171).
 Dr. Bernard L. Cohen: 200 fossils (399724).
 Ed Cohen: 4 plants (401784).
 Atilano Contreras-Ramos: 20 dobsonflies (399864).
 Mr. & Mrs. Ed Coogan (Kay): 4 minerals (397056, 398780).
 William R. Cook, Jr.: 3 quartzs (396399).
 John Coolidge: portion of a fossil pecary mandible (399750).
 Dr. Bruce Cornet: 560 fossils (396664, 401571).
 Flavio Correa: 2 porphyry rocks (400290).
 Dr. Charles V., Jr. Covell: 1,609 butterflies & moths (398923, 401317).
 Mrs. Mary Crabill: 10,300 centipedes (401966).
 Kenneth Craddock: 2 fossils (399786).
 Joseph L. Cramer: 371 archeological artifacts (390872).
 Dr. R. L. Crawford: 261 spiders (401699).
 David Crew: 2 fossils (398472, 401017).
 Mrs. Elizabeth M. Cridlin: 10 fossil vertebrates (395649).
 Dr. Thomas W. Cronin: 9 crustaceans (397523).
 Donald & Alice Cummings: 29 artifacts (390845).
 Charles E. Cutress: 1 worm (395787).
 John D'Arcy: 4 plants (398098).
 John Danner: 1 fossil tooth (399172).
 Dr. Marly Bueno De Camargo: 39 minerals (396389).
 Dr. Christian R. De Kimpe: 3 minerals (397083).
 Dr. Michel Deliens: 3 minerals (400739).
 Jesus Angel de Leon-Gonzales: 2 worms (4002380).
 Paulo Cesar de Paiva: 2 worms (395793).
 Mike Derieux: 12 fossil vertebrates (399168, 399742).
 Stuart Derrow: 1 fossil (400969).
 Dr. George C. Deutsch, Estate of: 12 minerals (397081).
 Mrs. Ruth Deutsch: 5 tektites (398978).
 Dr. Mark A. Deyrup: 105 sawflies (401751).
 Mr. & Mrs. Harold & Doris Dibble: 1 mineral (400701).
 T. Dickel: 2 moths (399892).
 Lallie Didham: 1+ worms (329765).
 Dr. E. Diller: 40 sawflies (398898).
 Rob Dillon: 35+ freshwater mollusks (396291).
 Ana Dittel: 11 crustaceans (394097).
 Peter S. Dixon: 105 plants (397275, 397336).
 Daryl P. Domning: 1 portion of a fossil turtle bone (396703).
 Dr. T. W. Donnelly: 15 dragonflies (401944).
 Dr. Byrd K. Dozier: 4 beetles (398957).
 David B. Duke: 29 fossil vertebrates (398469, 399120).
 Dr. Sidney W. Dunkle: 24 dragonflies (398425).
 Michael Ebeling: See also Chris Robbins (398565).
 Dr. Robert L. Edwards: 749 spiders (401980).
 Stewart Edwards: 1 folded book (390880).
 Michael Ellwood: 1 fossil (399184).
 Dr. Elly: 1 painted barkcloth (390859).
 Dr. Carl Ernst: 39 birds (383515).
 Dr. Christer Erseus: 3 worms (395796).
 Dr. Richard Eskin: 12 worms (375704).
 Florence Evans (Deceased): 7 ethnological artifacts (380523).
 John C. Ewers: 1 wood carving of a woman (390886).
 David K. Faulkner: 109 caddisflies (397605).
 Susan Feeney: 1 fossil bird bone (396652).

- Dr. Darryl Felder: 18 crustaceans (399421).
- Dr. Rodney M. Feldmann: 22 crustaceans (401575).
- Daniel J. Feller: 42 crustaceans (399445).
- Dr. Douglas C. Ferguson: 2,940 moths (398924).
- Dr. William E. Ferguson: 10 velvet ant wasps (398890).
- Clive H. Fetzer: 13 ethnological artifacts (390876).
- David Fine: 1 fossil (396619).
- Michael H. Flinn: 2 worms, 5 crustaceans (395956).
- Dr. Franklin F. Foit, Jr.: 2 minerals (397021).
- George C. Fonger: 84 fossils (395664, 398517, 400983).
- Dr. John M. Foster: 1 crustacean (397462).
- Baynard Fox: 1 marine snail (288309).
- Richard Franz: 25 crustaceans (392564, 395999).
- H. A. Freeman: 21 butterflies (398927).
- Freitag Family of: 1 bird (399196).
- Terrence J. Frest: 275+ mollusks (396270, 396302).
- Dr. C. G. Froehlich: 30 Stoneflies (401316).
- Dr. Carlo Froggia: crustaceans (394130).
- Mrs. Judith Frosh: 2 minerals (400719).
- Dr. Douglas J. Futuyma: 10 beetles (400515).
- M. J. Galesi: 47 minerals (396347).
- Frank Garcia: 7 fossils (399156, 399757).
- Christopher Garvie: 2 fossils (398531).
- Lloyd Gerhart: 18 birds (399842).
- Dr. Stanislaw Geroch: 717 fossils (398475).
- Dr. Ray Gibson: 10 worms (397357).
- Dr. C. Gielis: 98 moths (401981).
- Lance Gilbertson: 2 landsnails (396297).
- Dr. Christopher J. Glasby: 10 crustaceans (395778).
- Dr. Billy P. Glass: 1 lot of microtektites (399721).
- Keith A. Glunt: 11 fossil vertebrates (399126).
- Dr. Enrique Gonzales S.: 1 damselfly (401310).
- Beau Gordon: 1 mineral (398794).
- Mark E. Gordon: 10 snails (371201).
- James Roy Gorson: 2 minerals (397032, 400718).
- Patrick Gotsis: 1 fossil seal jaw (398500).
- Fred Grady: 1 bird (399197).
- Jason R. Grant: 311 plants (397284, 399013).
- Atara Gray: 24 minerals (396363).
- Candace Greene: 1 ribbon shirt (390874).
- Dr. Edward Grew: a mineral (398746).
- Richard Grier: See also Robert Grier (398543).
- Robert W. Grier: 5 fossils (396690, 398543, 399179).
- Gary J. Grimsley: 2 fossils (396653, 397907).
- Anna & Paul Grisso: 1 bird (398596).
- Lloyd F. Gunther: 185 slabs w/ fossil plant leaves (400990).
- Lloyd F. & Frieda Gunther: 512 fossil plants (397964, 401568, 401586).
- William H. Hale: 1 fossil sea cow rib (399804).
- Samuel R. Hall: 8 birds (370784, 382871).
- Dr. Premek Hamr: 2 crustaceans (395923).
- Dr. Tsu-Ming Han: 9 fossil slabs (398523).
- Dr. Ghazi Hareri: 2 crustaceans (397479).
- Peter J. Harmatuk: 800 fossil vertebrates (389476, 394817, 397937, 399092).
- Dr. George Harp: 3 beetles (399945, 401337).
- Helen Leale Harper, Jr.: 1 Egyptian mummified right hand (30877).
- M. Scott Harris: 1 fossil walrus ulna (379257).
- Dr. Steven C. Harris: 314 insects (398371, 401943).
- Jack L. Harry: 417 butterflies & moths (398369).
- Dr. David M. Harwood: 27 fossils (396625).
- Dr. Richard L. Hauke: 4 plants (399060).
- Patrick Haynes: 1 mineral (400725).
- Ssgt. Bill Heim: 141 fossils (396647, 398462, 399768, 399819).
- Susan Hendrickson: 2 moth (400514).
- Charles Herrmann: 1 owl (381954).
- Dr. H. A. Hespeneheide: 3 beetles (398945).
- James E. Hoffman: 4 land snails (372091).
- Mike Hogan: 12 fossil teeth (396705, 397951).
- Dr. E. Holm: 1 meteorites (397829).
- Dr. Lars Holmer: 99 fossils (397913).
- Allan Hooker: 12 crustaceans (345680).
- Mrs. Jean Hooper: 113 fossils (395663, 396636, 396673, 397902, 398493, 401582).
- Dr. Bruce Hopper: 14+ worms (361654).
- Peter Hovingh: 250+ snails (396305).
- Dr. Gordon Hubbell: 300 fossil shark remains (395633).
- Dr. Francis Hueber: petrology & volcanology specimens (397865).
- Dr. A. D. Huryn: 66 caddisflies (398428).
- Dr. Pat Hutchings: 7 worms (390397).
- Mr. & Mrs. Frank Hyne (Becky): 4,022 fossil vertebrates (394003).
- Dr. & Mrs. Charles David Hyson: 18 ebony sculptures (390904).
- Dr. Ray W. Ingle: 200+ crustaceans (401053).
- Rodger Inman: 2 fossils (401014).
- Dr. Hiroshi Inoue: 510 moths (398423, 398925, 401942).
- Teruo Ishida: 7 crustaceans (399430).
- A. R. Ismail: 8 caddisflies (397205, 399516).
- Ronald M. A. Ison: 14 fossils (398511, 401587).
- Andrei Ivantsov: 2 fossils (396640).
- Dr. Samuel W. James: 15 worms (395790).
- Paul Jamison: 1 fossil (397905).
- Dr. D. T. Jennings: 20,400 misc. insects (401977).
- Raymond F. Jezerinac: 6 crustaceans (401083, 401090).
- Marcus Jobes: 6 fossils (400991).
- Marc Jobin: 1 mineral (398771).
- Dr. Clarence Dan Johnson: 9 beetles (399562).
- Robert Johnson: 1 fossil seal bone (397954).
- Walter N. Johnson: 2 beetles (399563).
- Dr. Dave Johnston: 20 birds (382872).
- Dr. James E. Joy: 4 fleas (397220).
- Dr. Albertina Kameya K.: 1 crustacean (401097).
- Dr. Anthony Kampf: 1 mineral (396383).
- Ivan Karp: 7 African artifacts (390893).
- Mark Kaufman: 2 minerals (397002).
- Dr. Edwin J. Keppner: 14 worms (395808).
- Anne Leightner Kienlen: 2 fossil vertebrates (396689).

- Dr. Lynn S. Kimsey: 180 beetles (398870).
 Dr. Elbert A. King: 1 meteorite (400059).
 Dr. Robert Merrill King: 39 plants (402222).
 Dr. Boris Kondratieff: 14 stoneflies (401315).
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Anonymous. Vietnamese ceramic plate;
 15th - 16th c. (1991.55).
 Anonymous. Japanese blue glass bottle;
 19th c. (1991.56).
 Anonymous. Japanese print; *The War-
 rior-Painter Miyamoto Musashi*; by
 Toyokuni; (1991.57).
 Anonymous. Japanese brass crucifix
 with Buddhist figure (SC-M-67).
 Anonymous. Japanese brass crucifix
 with Buddhist figure (SM-M-68).
 Anonymous. Japanese handscroll; fac-
 simile (SC-RE-30).
 Anonymous. Pen drawing of silver iris
 sculpture in collection (SC-GR-818).
 Ken J. J. Baars. Thai ceramic jar;
 Sawankhalok ware; 15th - 16th c.
 (1991.45).
 Mr. Allan S. Chait and Mrs. Marion C.
 Howe. Chinese ceramic vase; blue
 and white; Kangxi period (1991.46).
 Mr. and Mrs. Edwin J. Clapp. Chinese
 ceramic Boar; terra cotta with dark
 amber glaze; (7th - 10th c. (1992.49).
 Mrs. Julia Curtis. Chinese ceramic vase;
 Kangxi period (1991.48).
 Mrs. Barbaralee Diamonstein-
 Spielvogel. Chinese ceramic dish;
 blue and white; 18th c. (1991.49).
 Mrs. Barbaralee Diamonstein-
 Spielvogel. Chinese ceramic dish;
 blue and white; 18th c. (1991.50).

- Mr. Pierre Durand. Chinese ceramic vase; blue and white; Kangxi period (1991.51).
- Mr. Pierre Durand. Chinese ceramic covered jars, part of a 5-piece garniture set; blue and white; Kangxi period (1992.47.3ab-.5ab).
- Mr. Pierre Durand. Pair of Chinese ceramic plates; blue and white; Kangxi period (1992.48.1-.2).
- Mr. Robert Ellsworth. Chinese bronze plaque; Yunnanese; early Han Dynasty (SC-B-498).
- Mr. Robert Ellsworth. Chinese brass animal figure; Yunnanese (SC-M-70).
- Mrs. Ruth Meyer Epstein. Chinese ceramic bowl with Sanskrit inscription; 19th c. (1992.38).
- Mrs. Ruth Meyer Epstein. Chinese metalwork head of a Bodhisattva; 14th c. (1992.39).
- Mrs. Ruth Meyer Epstein. Chinese painting; *Tartar Slave Pasturing a Horse*; Hanging scroll; 15th c. (1992.40).
- Mrs. Ruth Meyer Epstein. Chinese painting; *Luohan*; Hanging scroll; ca. 1400 (1992.41).
- Mrs. Ruth Meyer Epstein. Chinese painting; *Traveling South through Snow-Covered Mountains*; Hanging scroll by Zhou Duo; 18th c. (1992.42).
- Mrs. Ruth Meyer Epstein. Chinese painting; *Two Fighting Water-Buffalos*; Hanging scroll; 13th - 15th c. (1992.43).
- Mrs. Ruth Meyer Epstein. Chinese painting; *Joys of Fishing Among Streams and Mountains*; Hanging scroll; mid-18th c. (1992.44).
- Mrs. Ruth Meyer Epstein. Chinese painting; *Looking at Flowering Plums and Reading*; Fan painting; 14th - 15th c. (1992.45).
- Mrs. Ruth Meyer Epstein. Bronze bust of Agnes Meyer by Despiau (SC-M-69).
- Mrs. Ruth Meyer Epstein. Chinese ceramic bowl with Sanskrit Inscription. One of a pair. (Gift to Study Collection).
- Dr. Kurt Gitter and Alice R. Yelen. Japanese Painting; Hanging scroll; *Bodhidharma* by Nantembo; 19th c. (1992.29).
- Dr. Kurt Gitter and Alice R. Yelen. Japanese Painting; Hanging scroll; *Landscape* by Kameda Bosai; 18th - 19th c. (1992.30).
- Estate of Elizabeth Hamm Glass. Chinese ceramic bottle; Cizhou ware; dated 1341 (1991.15).
- Estate of Elizabeth Hamm Glass. Korean ceramic duck-shaped water-dropper; 12th c. (1991.16).
- Estate of Elizabeth Hamm Glass. Chinese stone sculpture; tablet carved with garden scene; one of a pair; 17th - 18th c. (1991.17).
- Estate of Elizabeth Hamm Glass. Chinese stone sculpture; tablet carved with garden scene; one of a pair; 17th - 18th c. (1991.18).
- Mr. and Mrs. Alfred Grigis. Korean painting; 10-fold screen; Palace ceremony; 18th - 19th c. (1992.20).
- Mr. and Mrs. Alfred Grigis. Korean painting; 8-fold screen; Birds and Flowers; 18th - 19th c. (1992.21).
- Mr. John Gruber. Chinese ceramic bowl; one of a pair; Kangxi period (1992.3).
- Mr. John Gruber. Chinese ceramic bowl; one of a pair; Kangxi period (1992.4).
- Mr. John Gruber. Chinese ceramic dragon dish; one of a pair; Kangxi period (1992.5).
- Mr. John Gruber. Chinese ceramic dragon dish; one of a pair; Kangxi period (1992.6).
- Mr. John Gruber. Chinese ceramic dragon dish; one of a pair; Kangxi period (1992.7).
- Mr. John Gruber. Chinese ceramic dragon dish; one of a pair; Kangxi period (1992.8).
- Therese and Erwin Harris. Chinese jade openwork pendant; ca. 3000-2500 B.C. (1991.52).
- Mr. and Mrs. Victor Hauge. Japanese painting; 6-fold screen; *Rice Planting*; early 17th c. (1991.53).
- Mr. and Mrs. Osborne Hauge. Japanese lacquer box showing lakeside scenery; makie-e; Momoyamo period (1991.54).
- Mr. and Mrs. Osborne Hauge. Japanese ceramic tea-leaf storage jar; Tamba ware; 17th c. (1992.37).
- Olga Hirshhorn. Japanese miniature wooden masks by Kano Tessai; 1859. (SC-W-19.1-.20)
- Noriyushi Horiuchi. Chinese bronze sections for study. (SC-B-497).
- Mrs. Maureen Jacoby. Chinese ceramic tripod incense burner; 16th c. (1991.70).
- Mrs. Maureen Jacoby. Korean ceramic cup and cupstand; 12th c. (1991.71ab).
- Mrs. Maureen Jacoby. Korean ceramic bowl; 11th c. (1991.72).
- Mrs. Maureen Jacoby. Chinese ceramic jar; 7th - 10th c. (1991.73).
- Mrs. Maureen Jacoby. Chinese ceramic conical cup; 10th - 12th c. (1991.74).
- Mrs. Maureen Jacoby. Chinese ceramic cup; 9th - 13th c. (1991.75).
- Mrs. Maureen Jacoby. Korean ceramic bottle; 18th c. (1991.76).
- Mrs. Maureen Jacoby. Chinese ceramic Dehua ware tripod incense burner (1991.77abc).
- Mrs. Maureen Jacoby. Korean ceramic dish (1991.78).
- Mrs. Maureen Jacoby. Chinese ceramic square cup; 14th - 17th c. (1991.79).
- Mrs. Maureen Jacoby. Korean ceramic seal-box with cover (1991.80ab).
- Mrs. Maureen Jacoby. Korean ceramic seal-box with cover (1991.81ab).
- Mrs. Maureen Jacoby. Korean ceramic seal-box with cover (1991.82ab).
- Mrs. Maureen Jacoby. Korean ceramic brush holder; 18th c. (1991.83).
- Mrs. Maureen Jacoby. Korean ceramic cup and cupstand (1991.84ab).
- Mrs. Maureen Jacoby. Korean ceramic bowl; 15th - 16th c. (1991.85).
- Mrs. Maureen Jacoby. Chinese ceramic bottle; 14th c. (1991.86).
- Mrs. Maureen Jacoby. Korean ceramic bowl with cover; Unified Silla Period (1991.87ab).
- Mrs. Maureen Jacoby. Korean ceramic Maebyong vase (1991.88).
- Mrs. Maureen Jacoby. Chinese ceramic censer; blue and white; Kangxi period (1992.25).
- Mrs. Maureen Jacoby. Thai ceramic jar from Suphanburi kiln (1992.26).
- Mrs. Maureen Jacoby. Chinese ceramic bottle-vase; blue and white; Kangxi period (1992.46).
- Mrs. Maureen Jacoby. Chinese ceramic bowl; gift to Study Collection.

- Mrs. Maureen Jacoby. Chinese ceramic cup; gift to Study Collection.
- Mrs. Maureen Jacoby. Chinese ceramic incense burner; gift to Study Collection.
- Mrs. Maureen Jacoby. Chinese ceramic saucer; gift to Study Collection.
- Mrs. Maureen Jacoby. Chinese ceramic bowl; gift to Study Collection.
- Mrs. Maureen Jacoby. Chinese ceramic bowl; gift to Study Collection.
- Mrs. Maureen Jacoby. Chinese ceramic jar; gift to Study Collection.
- Mrs. Maureen Jacoby. American ceramic vase; gift to Study Collection.
- Lawrence Klein. Japanese painting; Hanging scroll by Tomioka Tessai; late 19th c. (1992.22).
- Lawrence Klein. Japanese calligraphy; Hanging scroll by Ono Kozan; 1906 (1992.23).
- Lawrence Klein. Japanese painting; Hanging scroll by Hokusai; 18th - 19th c. (1992.24).
- Estate of Isabel S. Kurtz. Japanese ceramic ginger jar with plum blossoms (1991.19ab).
- Estate of Isabel S. Kurtz. Japanese ceramic bowl showing Mt. Fuji (1991.20).
- Estate of Isabel S. Kurtz. Japanese ceramic red and gold bottle; Kutani ware (1991.21).
- Estate of Isabel S. Kurtz. Japanese ceramic blue glazed bottle (1991.22).
- Estate of Isabel S. Kurtz. Japanese ceramic jar with copper-red glaze (1991.23).
- Estate of Isabel S. Kurtz. Japanese ceramic bottle with copper-red glaze (1991.24).
- Estate of Isabel S. Kurtz. Japanese ceramic bottle with purple glaze (1991.25).
- Estate of Isabel S. Kurtz. Japanese ceramic bottle with purple-brown glaze (1991.26).
- Estate of Isabel S. Kurtz. Japanese ceramic vase with pink glaze (1991.27).
- Estate of Isabel S. Kurtz. Japanese ceramic vase with dark blue glaze (1991.28).
- Estate of Isabel S. Kurtz. Japanese ceramic vase with copper-red glaze (1991.29).
- Estate of Isabel S. Kurtz. Japanese ceramic vase with mottled red-blue glaze (1991.30).
- Estate of Isabel S. Kurtz. Japanese ceramic vase with pink and gray glaze (1991.31).
- Estate of Isabel S. Kurtz. Japanese ceramic vase with yellow glaze (1991.32).
- Estate of Isabel S. Kurtz. Japanese ceramic vase with blue-black glaze (1991.33).
- Estate of Isabel S. Kurtz. Japanese ceramic bottle with orange glaze (1991.34).
- Estate of Isabel S. Kurtz. Japanese ceramic bottle; plum with ice pattern in cobalt (1991.35).
- Estate of Isabel S. Kurtz. Japanese ceramic bottle with tomato-red glaze (1991.36).
- Estate of Isabel S. Kurtz. Japanese ceramic bottle with turquoise glaze (1991.37).
- Estate of Isabel S. Kurtz. Japanese ceramic jar with pink glaze (1991.38).
- Estate of Isabel S. Kurtz. Japanese ceramic jar with purple glaze (1991.39).
- Estate of Isabel S. Kurtz. Japanese ceramic covered box with green glaze (1991.40ab).
- Estate of Isabel S. Kurtz. Japanese ceramic peach-shaped bowl (1991.41).
- Estate of Isabel S. Kurtz. Japanese ceramic vase with brown glaze (1991.42).
- Estate of Isabel S. Kurtz. Japanese ceramic miniature vase with orange glaze (1991.43).
- Estate of Isabel S. Kurtz. Japanese ceramic vase with herons and reeds (1991.44).
- Mrs. Helen D. Lally. Chinese ceramic jardiniere; blue and white; Kangxi period (1991.58).
- Mrs. Helen D. Lally. Chinese ceramic vase; blue and white; Kangxi period; one of a pair (1991.59).
- Helen D. Lally. Chinese ceramic vase; blue and white; Kangxi period; one of a pair (1991.60).
- Helen D. Lally. Chinese ceramic Yen-yen vase; blue and white; Kangxi period (1991.61).
- Helen D. Lally. Chinese ceramic vase; blue and white; Kangxi period (1991.62).
- Ann M. Lanier. Chinese ceramic large dish; Kangxi period (1991.63).
- Mrs. Joan Lebold and Mr. Jerome A. Cohen. Chinese ceramic dish; blue and white; early 17th c. (1991.47).
- Lesley R. Levine. Chinese ceramic proto-Yue ware lamp; 4th c. (1991.64).
- Lesley R. Levine. Chinese ceramic bowl; Yue ware; 10th c. (1991.65).
- Lesley R. Levine. Chinese ceramic bowl; Cizhou ware; 12th - 13th c. (1991.66).
- Lesley R. Levine. Korean ceramic bowl; 19th c. (1991.67).
- Lucy L. Lo. Chinese calligraphy by Shen Tseng-chih; ink on paper (1991.69).
- Stanley Love. Japanese votive paintings; set of six (SC-PA-185 through SC-PA-190).
- Jack Lydman. Chinese ceramic bottle; blue and white; early 17th c. (1992.33).
- Jack Lydman. Pair of Chinese ceramic plates; blue and white; 17th - 18th c. (1992.34.1-2).
- Jack Lydman. Chinese ceramic plate; blue and white; 17th - 18th c. (1992.35).
- Jack Lydman. Chinese ceramic plate; blue and white; 17th - 18th c. (1992.36).
- Forrest McGill. 28 Dutch tile fragments collected from the Wihan Somdet Palace in Ayutthaya; gift to Study Collection.
- Forrest McGill. 23 glass fragments collected from the Wihan Somdet Palace in Ayutthaya; gift to Study Collection.
- National Gallery of Art. Japanese calligraphy; *Dojo-ji Engi* (SC-RE-29ab).
- Mr. and Mrs. Charles Pope. Set of 6 Indian paintings from *Kavi Priya of Keshav Das*; ca. 1640 (1991.89-1991.9455).
- Mrs. John Alexander Pope. Japanese ceramic jar; Edo period (1992.1).
- Mrs. John Alexander Pope. Chinese ceramic bowl; Kangxi period (1992.2).
- Sanai Iida Reeves. Japanese painting; *Scholar en route to the retreat of a friend*; Handscroll by Ike Taiga; 18th c. (SC-PA-184).
- Sanai Iida Reeves. Japanese painting; *Mr. Fuji with poem*; Handscroll by Sengai; 18th - 19th c. (SC-PA-183).
- Andy Saylor. Japanese sake cups with saucers in original wooden box. Made

for the coronation of the Taisho Emperor; gift to Study Collection.
Estate of Libbie Moody Thompson.
Chinese ceramic beaker-shaped vase;
Kangxi period (1991.13).
Estate of Libbie Moody Thompson.
Chinese ceramic apple green vase;
Kangxi period (1991.14).
Paul Walter. Pair of Chinese ceramic
vases; blue and white; Qing Dynasty
(1992.27.1-.2).

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Anonymous. Japanese porcelain jar
with design of pomegranates; 20th c.
(S1991.167).

Anonymous. Chinese Jade Cup; 19th -
20th c. (S1992.1).

Anonymous. Chinese Lacquer Box con-
taining 8 Inksticks; c. late 1870's
(1992.4).

Anonymous. Chinese Moulded Round
Ink Disk with design of Dragon and
Phoenix; 17th c. (S1992.5)

Anonymous. Korean hanging scroll;
14th - 15th c. (S1992.11).

Saul and Elizabeth C. Baran. Japanese
ceramic platter with Design of Deer;
c. 1956 (S1991.159).

A. Peter Burleigh. Nepalese
manuscript; wood and multi-layered
paper; c. 1879 (S1991.160).

A. Peter Burleigh. Nepalese
manuscript; Nilapatra with gold let-
tering; 1678 (S1991.161).

Robert Hale Clague. China cloisonne
bowl; 1985 (S1992.3).

Marie N. And Walter L. Deemer.
Japanese lacquer brazier; 18th - 19th
c. (S1992.42).

Leo S. Figiel, M.D. Indian bronze sculp-
ture; 11th - 12th c. (S1992.2).

Dr. Kurt Gitter and Alice Yelen.
Japanese painting; Hanging scroll;
ink on paper; 17th c. (S1992.43).

Dr. Kurt Gitter and Alice Yelen.
Japanese painting; Hanging scroll;
ink on paper; 17th c. (S1992.44).

Dr. Kurt Gitter and Alice Yelen.
Japanese painting; ink on paper; 18th
- 19th c. (S1992.45).

Karl Mann. Indian painting; opaque
watercolor on cotton; 19th - 20th c.
(S1992.12-34).

Karl Mann. Indian painted textile;
black cotton stamped and painted
with gold and touches of color; 19th
c. (S1992.35).

Karl Mann. Indian painting; opaque
watercolor on cotton; 19th - 20th c.
(S1992.36-37).

Karl Mann. Indian painting; gold, silver
and touches of color on black cotton;
18th c. (S1992.38).

Karl Mann. Indian painting; opaque
watercolor on cotton; 20th c. (S1992.39).

Karl Mann. Indian painting; *Devotees
Pay Homage to Image of Krishna as Sri
Nath-ji Installed in Forest*; opaque
watercolor on cotton; 20th c.
(S1992.40).

Karl Mann. Indian painting; opaque
watercolor on cotton; 20th c.
(S1992.41).

David R. Nalin, M.D. Bangladesh;
brass sculpture; 12th c. (S1992.46).

David R. Nalin, M.D. Bangladesh; cop-
per alloy sculpture; 11th - 12th c.
(S1992.47-48).

David R. Nalin, M.D. Bangladesh;
brass sculpture; 12th c. (S1992.49).

David R. Nalin, M.D. Bangladesh; cop-
per alloy sculpture; 12th c. (S1992.50).

David R. Nalin, M.D. Bangladesh;
brass sculpture; 11th - 12th c.
(S1992.51).

David R. Nalin, M.D. Bangladesh;
lead bronze sculpture; 11th c.
(S1992.52abc).

David R. Nalin, M.D. Bangladesh;
bronze sculpture; 11th c. (S1992.53).

David R. Nalin, M.D. Bangladesh; black
schist sculpture; 10th c. (S1992.54).

David R. Nalin, M.D. Bangladesh; cop-
per alloy sculpture; 10th c. (S1992.55).

David R. Nalin, M.D. Bangladesh;
bronze sculpture; 8th c. (S1992.56).

David R. Nalin, M.D. Bangladesh; lead
bronze sculpture; 8th c. (S1992.57).

David R. Nalin, M.D. Bangladesh; cop-
per alloy sculpture; 8th c. (S1992.58).

David R. Nalin, M.D. Bangladesh;
stone sculpture; 11th c. (S1992.59).

David R. Nalin, M.D. and Richard J.
Nalin, M.D. Bangladesh; bronze
(S1992.60-62ab).

David R. Nalin, M.D. and Richard J.
Nalin, M.D. Bangladesh; bronze and
gold (S1992.63).

David R. Nalin, M.D. and Richard J.
Nalin, M.D. Bangladesh; bronze
(S1992.64).

Mr. and Mrs. Charles Page. Japanese
print; "Raimon;" woodblock print on
mulberry paper with hand coloring;
1945 (S1991.163).

Mr. and Mrs. Charles Page. Japanese print; "Kaizoku;" woodblock print on mulberry paper with hand coloring; 1945 (S1991.164).

Mr. and Mrs. Charles Page. Japanese print; "Anise;" mezzotint engraving; 1958 (S1991.165).

Mr. and Mrs. Charles Page. Japanese print; "Lemon;" mezzotint engraving; 1959 (S1991.166).

Marietta Lutze Sackler. Chinese sculpture; sandstone with traces of polychrome; 386-535 (S1991.157).

Mr. and Mrs. Robert Hilton Simmons. Japanese ceramic stoneware; 20th c. (S1991.162).

Mr. and Mrs. H. Robert Slusser. Nepalese manuscript; wood and handmade paper; 1647 AD (S1991.158.1-.83).

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Anonymous Donor. Teapot: "Tea for One", Denmark; Teapot (with hole in middle), Japan. (1991-112-1,2).
 Anonymous Donor. Handkerchief printed with map of Tokyo subway system, Japan. (1991-135-1).
 Anonymous Donor. Samples of printed fabric produced by Ernest Schurpf & Co., c. 1930, Switzerland. (1991-162-1,2).
 Anonymous Donor. Hand mirror, gutta percha, glass; necklace, by Kerstin Nichols, 1982-86, U.S.A. (1992-60-1,2).
 Anonymous Donor. Silver bowl by Josef Turnbach, Austria. (1992-97-1).
 Anonymous Donor. Length of woven fabric, 1960's. (1992-135-1).

Anonymous Donor. Drawing, Design with Sun and Four Figures, by Winold Reiss, U.S.A. (1992-128-1)
 Anonymous Donor. Drawing, City Abstract, by Winold Reiss, U.S.A. (1992-127-1)
 Mr. William Aberbach. "SYP" Teapot, porcelain, made by Wedgwood, c. 1900, England. (1991-107-1a,b).
 Amboss KG. Flatware set: "2060", designed by Carl Aubock, Germany. (1992-37-1/9).
 Mr. Per Arnoldi. Poster: "Save the Alps", designed by Per Arnoldi, 1992, Denmark. (1992-87-1).
 Mrs. Elsa Marie Bates-Freund. Design drawings for jewelry by Elsa Bates-Freund, U.S.A. (1992-107-1/5).
 Dr. David Becker. Side chair designed by Hans Wegner, 1950's, Denmark. (1992-104-1).
 Ms. Michaela Bendu. Plastic shopping bag, 1992. (1992-114-1).
 Mr. Jason and Mrs. Suzanne Berger. Wallpaper borders: *Peter Rabbit and His Friends*, c. 1930-40, England. (1991-124-1).
 Mr. George and Mrs. Louise Beylerian. Outdoor furnishing fabric: "Loco Sole", c. 1968. (1991-168-1).
 Mr. George and Mrs. Louise Beylerian. Group of house and table wares. (1991-168-2/7).
 Ms. Diana D. Blake. Selection of drawings by William Hunt Diederich, U.S.A. (1992-92-1/235).
 Mr. Constantin Boym. Prototype (clock), "Mona Lisa"; Series of production drawings, all by Constantin Boym. (1992-131-1/13)
 Ms. Irena Brynner. Group of jewelry by Irena Brynner, 1950's-1960's, U.S.A. (1991-165-1/13).
 Mrs. Mary Ricketson Bullard. Two woven, embroidered panels by Ruth Reeves, 1930's. (1991-155-1,2).
 Ms. Elizabeth L. Burnham. Group of jewelry made of anodized aluminum, made by Patricia Smith, 1950's. (1991-164-1/6).
 Mrs. Barbara E. Busch. Cream pitcher, ceramic, designed by Jessie M. King, England. (1992-117-1).
 Mr. Mel Byars. Typewriter: "Lettera 32", designed by Marcello Nizzoli, Italy. (1992-115-1).

- Mr. Donald Cameron. Drawings, photo-
stats of textile designs, by Tommi
(Anton) Parzinger, c. 1930. (1992-51-
1/90).
- Mrs. Rosemary H. Campbell. Sidewall
paper, "The Roosevelt", c. 1910. Gift
from the estate of Robert H. Meyer-
jack. (1992-72-1)
- Sir Hugh Casson. Furniture drawings,
by Sir Hugh Casson, 1985, England.
(1992-83-1,2).
- Ms. Dinah Casson. Photostat of a chair
design, by Dinah Casson. (1992-94-1).
- Mr. Garth Clark and Mr. Mark Del Vec-
chio. Vase and lid, by Rudy Autio,
1985. (1991-170-1a,b).
- Mr. Harmon Cohen. Embroidered curtain,
Egyptian style, Switzerland. (1991-114-1).
- Coogi Australia. Fabric panels by Coogi
Australia, 1991. (1992-54-1/7).
- CHM Library: Transfer. Portfolio of
plates, designed and engraved by
Fritz Endell. (1992-113-1-1/13).
- Coverage, Inc. Roll of textured
wallpaper, 1990, Germany. (1992-65-1).
- Creation Baumann. Printed fabrics
produced by Creation Baumann:
"Mercato", "Bola", "Lava", "Lipari"
(1992-126-1/4).
- Mr. William Cressy. Five rolls of
machine-printed wallpaper, c. 1920-
33, U.S.A. (1991-126-1/5).
- Ms. Joan Cunningham. Shopping bags.
(1992-105-1/25).
- Cyrus Clark, Inc. Fabric lengths,
samples, produced by Cyrus Clark
Co., Inc., U.S.A. (1992-50-1/4).
- Danese Milano. Group of Italian house
and table wares. (1991-108-1/11).
- Daum Cristal. Four beakers, glass,
designed by Roger Tallon, France;
Goblet, glass, designed by Roger Tal-
lon, France. (1992-13-1/5).
- Mr. Charles De Marco, Jr. Drawings,
studies, posters, by Michael Ver-
naglia, U.S.A. (1992-108-1/27).
- Ms. Sylvia Dion. "Cloud" pendant
made by Olaf Skoogfors, 1973, U.S.A.
(1991-161-1).
- Mrs. Theodore Dreier. Length of
brocaded silk, c. 1740, Spitalfields,
England. (1992-79-1).
- Ms. Yoshiko Ebihara. Group of table
and housewares, made in Japan and
U.S.A. (1991-159-1/14).
- Ms. Yoshiko Ebihara. Two posters:
"From Pushpin to Architecture",
designed by Shin Matsunaga, 1984.
(1991-166-1,2).
- Ms. Yoshiko Ebihara. Two posters, by
Shin Matsunaga, and by Takaaki Mat-
sumoto/M Plus M Inc. NY. (1991-167-
1,2).
- Mr. Abraham Edelman. Wallpaper
sample book, 1985, U.S.A.; Sample
book, *Originals of Ilonka Karasz*;
Hand painted scroll by Ilonka
Karasz, c. 1955. (1992-28-1/3).
- Mr. Abraham Edelman Luxograph
print: *Noah's Ark*, by Ilonka Karasz,
1950's. (1992-29-1).
- Elika. "Laborious" clock; "Mona Lisa"
clock, both designed by Constantin
Boym, U.S.A. (1992-46-1).
- Ms. Helen Williams Drutt English.
Brooch, ivory and ebony, by Pavel
Opocensky; Brooch: "Venus", by
Judy Onofrio, 1990. (1991-129-1,2).
- Ms. Helen Williams Drutt English.
Necklace by Breon O'Casey, 1989,
England. (1992-85-1). Gift in honor of
Eileen O'Casey.
- Ms. Helen Williams Drutt English.
Colorcore brooch by Thomas Gen-
telle, 1991. (1992-98-1). Gift of Helen
Williams Drutt English in honor of
the artist, Thomas Gentelle.
- Ms. Mae Lamar Festa. Eight pattern
samples of printed fabric, produced
by Knoll. (1991-157-1/8).
- Ms. Mae Lamar Festa. Printed fabric,
"Apples", designed by Stig Lindberg,
c. 1950. (1992-125-1a,b).
- Found in the Museum. Tableware:
"Primeur" pattern, porcelain,
designed by Signe Persson-Melin,
Sweden. (1992-22-1/5).
- Gift of Rorstrand Factory, Sweden.
Found in the Museum. Bowl, glazed
stoneware, made by Edwin and Mary
Scheier, 1950's, U.S.A. (1992-23-1).
- Found in the Museum. Four prototype
glasses, designed by Tapio Wirkkala,
c. 1975. (1992-24-1/4). Gift of the Ren-
wick Gallery
- Found in the Museum. Tableware, Scan-
dinavian. (1992-25-1/10).
- Gift of Mr. Peter Condu
- Mr. Carlo Forcolini. Light, "Polifemo";
Light, "Nestore"; Two chairs, "Miro";
Table, "Onlyou", all manufactured in
Italy. (1992-120-1/5).
- Ms. Jackie Fowler. Wallpaper
samplebook: "bauhaus", 1930-32,
Germany. (1992-2-1).
- Mr. Dan Friedman. Posters: Citicorp
Center; Poster: *Gallimaufry*, design
by Dan Friedman. (1992-11-1/4).
- Mr. David Gallagher. Pitcher,
"Nineveh", by Ridgway & Abington,
c. 1851, England. (1992-99-1).
- Ms. Dorothy T. Globus. Postcards
advertising wallpaper, 1909-11. (1992-
68-1/5).
- Ms. Dorothy T. Globus. Cup and
Saucer: "Zebra", porcelain, c. 1950's,
Sweden. (1992-95-1a,b).
- Ms. Deane Granoff. Group of costume
jewelry from c. 1936-1945, Necklace,
two brooches. (1992-130-1/3)
- Mr. Alan Grinberg. Fabric: "#192";
Fabric: "Diamond Springs on Mother
Lode". Designed by Alan Grinberg,
U.S.A., 1977. (1991-136-1,2).
- Mr. Gerald Gulotta. Photostat: Tien-
shan/Yixing Teapot #7, designed by
Gerald Gulotta, 1987. (1992-81-1).
- Dr. Jack W.C. Hagstrom. Vase,
ceramic, made by Fulper Pottery Co.,
c. 1915, U.S.A.; Small bowl, ceramic,
c. 1900. (1992-63-1,2).
- Bequest of Gary W. Hager
- Ms. Julia Haiblen. Perfume bottle:
"Calandre", designed by Pierre
Dinard, 1969, France. (1990-111-1a,b.).
- Henry Dreyfuss Assoc. "Trimline"
telephone, designed by Henry
Dreyfuss Assoc., c. 1962, U.S.A. (1991-
115-1).
- Henry Dreyfuss Assoc. Archive of
microfilm and moviefilm documenting
Henry Dreyfuss' projects. (1992-55-1).
- Gift of Henry Dreyfuss Associates,
Donald M. Genaro, Sr. Partner.
- Ms. Dorothy Hoberman. Copper
bracelet by Frank Rebajas, c. 1940-
50. (1992-138-1)
- Mr. Henry Horwitt. Archive of Nathan
G. Horwitt. (1991-127-1).
- Mr. Henry Horwitt. Models and
prototypes designed by Nathan G.
Horwitt. (1991-140-1/27).
- iittala Crystal, Inc. Glassware designed by
Markku Salo: "Marius", "Paivikki",
"Nautilus" patterns. (1992-4-1/19).

- Issey Miyake USA Corp. Posters for Issey Miyake, 1992. (1992-66-1,2).
- Mr. Dakota Jackson. Models of the "vik-ter" chair, designed by Dakota Jackson, 1990 and 1991, U.S.A. (1992-47-1,2).
- Mr. Dakota Jackson. Drawings of the "vik-ter" chair, designed by Dakota Jackson, 1991, U.S.A. (1992-58-1/67).
- Ms. Zoe Jackson and Mr. Pierce Jackson. Side chair: "vik-ter", designed by Dakota Jackson, 1991, U.S.A. (1991-151-1).
- Mrs. Joy Newport Jepson. Cutlery set: "Louis XVI", silver, c. 1909, U.S.A. (1991-117-1/9)
- Mr. Vladimir Kagan. "Unicorn" chair designed by Vladimir Kagan, c. 1960. (1991-163-1).
- Mr. Vladimir Kagan. Ink drawings, furniture studies, by Vladimir Kagan, 1965, U.S.A. (1992-56-1/10).
- Mr. Vladimir Kagan. Drawings: "Directional" chair, by Vladimir Kagan, 1992, U.S.A. (1992-74-1/3)
- Kai International. "Hyvalysti" Garden tool set designed by Igarashi Studio, 1988, Japan. (1991-128-1/8).
- Mr. Martin Kamer. Fragment, block printed fabric, cotton, France, 18th century. (1992-78-1).
- Mr. Kenneth Kneitel. Jacquard woven calendar, produced by Alkahn Labels, 1987, U.S.A. (1992-61-1).
- The Knoll Group. "Handkerchief" chair and prototype, designed by Massimo Vignelli, 1982-87, U.S.A. (1991-118-1,2).
- Mr. Giles Kotcher. Wallpaper sidewalls, machine-printed. (1992-101-1,2).
- Kustindustrimuseet I Oslo. Telephone, bakelite, c. 1930, Norway; Plate, porcelain, 1930's, Norway. (1992-118-1,2).
- Kvadrat Boligtextiler As. Fabrics produced by Kvadrat. (1992-20-1/8).
- Mrs. Eric Larrabee. Child's chair by Charles Eames, 20th century, U.S.A. (1991-144-1)
- Mrs. Wendy (Orin) Lehman. Collection of ceramics. (1992-5-1/66).
- Ms. Gail Levin and Mr. John Van Sickle. Posters, Czechoslovakian. (1991-137-1/6)
- Mr. Ira Howard Levy. "Dieppe" mirror, carved bone, wood, glass, 19th century, France. (1991-154-1). Gift of Ira Howard Levy and Stanley Gurell.
- Ms. Edna Lindemann. Wallpaper designed by Charles E. Burchfield, c. 1920, U.S.A. (1992-109-1/6).
- Liquid Blue. T-Shirt: "Underwater", designed by John Connell, 1990, U.S.A. (1991-113-1).
- Lumiance bv. Lighting fixture: "Priorastar", designed by Chris Hiemstra, c. 1990, The Netherlands. (1992-62-1a/d).
- Mr. Pascal Luthy. "Dinosaur" lamp, lacquered wood, designed by Pascal Luthy, Switzerland. (1992-16-1).
- Mr. Joseph McCrindle. Drawings for pendentives by Giuseppe Bernardino Bison. (1991-139-1/5). Gift of Joseph F. McCrindle in honor of Elaine Evans Dee.
- Mr. Daniel Mack. Pair of dining chairs made by Daniel Mack, 1991, U.S.A. (1991-158-1,2).
- Mr. Richard A. Manetta. Paper shopping bags. (1992-106-1/38).
- Mr. Victor Margolin. Paper cut-outs, Mexico and China. (1992-80-1/48).
- Mr. Gene Maston. Shopping bags, paper and plastic. (1992-121-1/36).
- Mr. Richard Meier. Three silk screen prints designed by Richard Meier, 1989. (1991-141-1/3). Gift in honor of Lisa Taylor.
- The estate of Robert H. Meyerjack. Sidewall paper: "The Roosevelt". (1992-72-1).
- Mr. Peter R. Miller. Four panels of terracotta designed by Kristian Schneider, late 19th century, U.S.A. (1991-153-1/4).
- Mr. Herbert Mitchell. Altar design, red, black chalk, 18th century, French School. (1991-134-1).
- Mr. Carlo Moretti. Nine footed drinking glasses designed by Carlo Moretti, 1991. (1991-139-1/9).
- Mr. and Mrs. Richard Morrill. Table cutlery: "Francisca", The Netherlands; Table cutlery, pistol handles, England. (1992-41-1/4).
- National Museum of American Art. Transfer of poster for Apple Computer Japan, Inc., designed by David Smith. (1992-88-1).
- Ms. Judith York Newman. Two lithographs from *Studies* and *Executed Buildings* by Frank Lloyd Wright. (1991-156-1,2).
- Ms. Martina R. Norelli. Plastic shopping bags. (1992-82-1/11).
- OXO International. Kitchen utensils: "Good Grips", manufactured by OXO International, 1990, U.S.A. (1992-52-1/29).
- The Pasanella Company. Two "Etiquette" placemats, designed by Marco Pasanella and Alexander Brebner, 1992. (1992-134-1,2).
- Ms. Kathleen Paton. Wallpaper sidewall, produced by Nancy Warren Wallpaper, c. 1955, U.S.A. (1992-129-1)
- Dr. Georgiana Peacher. Two fabrics by Eve Peri, 1950's, U.S.A. (1991-132-1,2).
- Mr. Donald Charles Pearson. Punchbowl and stand: "Life in a Punchbowl", earthenware, 1987, U.S.A. (1991-109-1a,b).
- Ms. Barbara G. Pine. Drawings: *Pier Project*, by Mary Ann Crawford, U.S.A. (1992-84-1,2)
- Ploegstofften. Lengths of printed fabric produced by Ploegstofften, The Netherlands. (1992-49-1/8).
- Ms. Addie Powell. Tableware: "Tuxedo", porcelain, produced by Swid Powell, 1986, U.S.A. (1992-119-1/4).
- Mr. William Prindle. Set of cutlery: "WO-04", stainless steel, plastic, designed by William Prindle, c. 1990, Japan. (1992-14-1/3).
- Mr. Roger Questel. "Country Field Tiles", manufactured by Intaglio, Ltd., 1991, U.S.A. (1992-7-1/6).
- Mrs. Belle Quitman. Brooch: "Pin #22 C"; Earrings: "#46 A-4", by Stanley Lechtzin, U.S.A. (1992-86-1,2). Gift of Belle and Sidney Quitman.
- Ms. Rosanne Raab. Serving Utensils: "Nasturtium Leaves", designed by Robyn Nichols, 1991, U.S.A. (1992-44-1,2).
- Mr. Elliot Rabner. Silver belt with niello work, late 19th-early 20th century, Russia. (1991-145-1).
- Ms. Dana Robinson. Annual reports, designed by Robinson Graphic Design, 1990. (1992-64-1).
- Ms. Arlene Rogers. Two rolls of wallpaper, c. 1980-84, U.S.A. (1991-125-1,2).
- Mr. and Mrs. Kelley Rollings. Ring, gold, made by Ed Weiner, U.S.A.;

- Ashanti gold weight, Ghana, Africa. (1992-15-1,2).
- Mr. Maya Romanoff. Wallpaper panels, designed by Maya Romanoff. (1992-18-1/3).
- Mr. and Mrs. Milton Rose. Group of ceramics, stoneware and earthenware: vase, bowls, bottles, cylinder, plate. (1991-142-1/8).
- Mr. Frederick Saal. Parure of micromosaics and gold; Small mesh purse made of gold, turquoise. (1991-160-1/9). Gift in honor of Dr. and Mrs. Joseph Saal.
- Mrs. Sanae Asayama Sabattini. Kettle/Samovar: "Vesevo", designed by Filippo Alison, Italy. (1992-116-1a/d).
- Mr. and Mrs. Edward J. Sack. Tableware: "Hallcraft by Eva Zeisel", porcelain, 1950's, U.S.A. (1992-96-1/8).
- Mr. Frederick G. Schab. 16th century engravings, Dutch. (1992-59-1/35).
- Mr. Justin G. Schiller. Group of Dutch Art Nouveau ceramics, glassware. (1992-100-1/16).
- Mr. Justin G. Schiller. Poster, "Le Locataire", by Theophile A. Steinlen; Etching by C.A. Lion Cachet. (1992-100-17,18).
- Ms. Suzanne Sekey. Collection of shopping bags and one poster. (1992-77-1/60).
- Mr. William Shopsin. Westclox table alarm clock; Two opalescent drinking glasses. (1991-143-1/3).
- Scot Simon. Various rolls of printed, pleated, embossed or laminated vinyl, designed by Scot Simon. (1992-27-1/13).
- Dr. and Mrs. Norton Spritz. Group of English pottery, late 19th century. (1991-152-1/4).
- Mr. Eddie Squires. Fabric lengths and samples. (1992-3-1/27).
- Mr. Eddie Squires. Fabric length printed by Bert Kitchen, c. 1960; Two square picnic cloths, 1950's, England. (1991-6-1,2).
- Mrs. Alice Stern. Earthenware plate, possibly 19th century, France. (1991-119-1).
- Mrs. Alice Stern. Vase; Tumbler; Medal; Dish, late 19th-early 20th centuries, France. (1991-150-1/4).
- Stelton USA. Cutlery set: "Filio" or "Wave", designed by Ralph Kramer, 1991, Germany. (1992-43-1/5).
- Stiletto Studios. Goblets: "Champ", glass, metal, by Stiletto Studios, c. 1991, Germany. (1992-89-1,2).
- Ms. Florence Nach Taylor. Necklace; Brooch, made by Florence Nach Taylor, c. 1961, U.S.A. (1991-147-1,2).
- Ms. Florence Nach Taylor. Printed fabric panel produced by Folly Cove, 1950's, U.S.A. (1991-148-1).
- Unknown Donor. Greeting cards; Posters. (1992-67-1/14).
- Mr. Jan A.L. van der Lande. "Museum Wander Stool TC", designed by Rund Jan Kokke, 1990, The Netherlands. (1992-136-1).
- S.F. Barones van Hoevell-Teding van Berkhout and Jonkvr. A.C. Teding van Berkhout. Velvet livery band, late 18th century, The Netherlands. (1991-130-1).
- Mr. Andy Van Meter. "Cat's Eye candleholders, glass, designed by Laura Handler, 1991, U.S.A. (1991-149-1/30).
- Various Donors. Shopping bags. (1992-122-1/6).
- Mr. Kenneth Walker. Group of architectural drawings, late 1980's. (1991-146-1/30).
- Mr. Paul F. Walter. Ceramics by Eric Ravillious, made by Wedgwood, 1930's, England. (1992-42-1/3).
- Mr. Paul F. Walter. Dinnerware: "Persephone", porcelain, designed by Eris Ravillious, c. 1930-40, England. (1991-110-1/8).
- Mr. Guy and Mrs. Carola Walton. Carpet section samples, designed by Scott & Teegen, c. 1935, U.S.A. (1992-48-1,2).
- Mr. Guy and Mrs. Carola Walton. Drawing by Otto John Teegen; B/W photographs of interiors by Scott and Teegen, Architects. (1992-73-1/5).
- Ms. Dorothy Warren. Cup and Saucer, "Bermuda Visit, November 1953", porcelain, Staffordshire, England. (1992-137-1a,b).
- Ms. Michele Wiener. Group of jewelry designed by Ed Wiener. (1991-169-1/5).
- Mr. Robert Wilhite. Silver cutlery set, designed by Robert Wilhite, 1982, U.S.A. (1992-45-1/5).
- Yves Gonnet. Fabric: "Tortue"; Fabric: "Savanne", both produced by Yves Gonnet. (1992-12-1,2).
- Zimmer+Rohde GmbH. Three fabrics produced by Zimmer+Rohde GmbH: "Rosetta", "Alea", "Celia". (1992-133-1/3).
- Zona Alta Projects. "Snac Pac" cutlery set, plastic, stainless steel, 1991. (1992-40-1a/d).

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Sally Avery. #52-10A, 1952, oil on canvas, by Stephen Pace (91.53)

Larry Bell. *SMS #216*, 1991, mylar, paper, laminant film, aluminum and silicon monoxide on canvas, by Larry Bell (92.5)

Mrs. Parti Cadby Birch. *We Are Not the Last (Non Siamo Gli Ultimi)*, 1974, acrylic on linen, by Zoran Music (92.6)

Mrs. Minna Lederman Daniel. *House Tops*, 1920, oil and water-soluble paint on canvas, by Mell Daniel (91.35)

Mrs. Minna Lederman Daniel. *Early Tree*, ca. 1920-1925, ink on paper, by Mell Daniel (91.36)

Mrs. Minna Lederman Daniel. *Cornucopia*, 1972, watercolor and ink on paper, (91.37)

Mrs. Gertrude M. K. Edwards. *Untitled (Young Woman Holding a Letter)*, 1905, oil on canvas, by Lovis Corinth (91.65)

Dr. and Mrs. Merle S. Glick. *Untitled* (4.10.9.8), ca. 1965, painted stone and painted metal chain on wood with brass plate, by Wallace Berman (91.45)

Samuel M. Greenbaum. *Neck-Tied Entanglement*, ca. 1974, oil, beeswax, and perlite on canvas, by Nicholas Sperakis (91.38)

Olga Hirshhorn. Various books to the museum's library.

Nancy Holt. *Drawing for "Gyrastasis,"* 1968, pencil on paper, by Robert Smithson (91.54)

Nancy Holt. *Untitled (Drawing for "Gyrastasis")*, 1968, pencil on paper, by Robert Smithson (91.55)

David Ireland. *Study for Hirshhorn "Works" (Washington at Night)*, 1989, pencil, crayon, and colored pencil on paper, by David Ireland (91.39)

David Ireland. *Study for Hirshhorn "Works" (Nighttime, Washington, D.C.)*, 1989, pencil, crayon, and colored pencil on paper, by David Ireland (91.40)

David Ireland. *Study for Hirshhorn "Works" (Coronet)*, 1989, pen and ink

and crayon on paper, by David Ireland (91.41)

David Ireland. *Study for Hirshhorn "Works" (Trough on Roof)*, 1989, pen and ink, crayon, and colored pencil on paper, by David Ireland (91.42)

David Ireland. *Study for Hirshhorn "Works" (Hirshhorn Museum with Fired Balcony)*, 1989, pen and ink and colored pencil on paper, by David Ireland (91.43)

David Ireland. *Study for Hirshhorn "Works" (Elevation)*, 1990, ink, felt-tipped pen and ink, and pencil on paper, by David Ireland (91.44)

Joseph Kosuth. *Ex-Libris (Wittgenstein's Gift)*, 1990, lithograph on vellum paper, by Joseph Kosuth (91.30)

Mr. and Mrs. Mortimer C. Lebowitz. *El Solitario*, 1970, oil on canvas, by Rufino Tamayo (91.64)

Robert Lehrman. *Do Not Go Gently*, 1987, bronze and steel, by Christopher Wilmarth (91.26)

Irwin and Suzanne Leibowitz. *Peanuts*, 1991, latex on wood, by Cary S. Leibowitz (91.56)

Irwin and Suzanne Leibowitz. *Weenies*, 1991, latex on wood, by Cary S. Leibowitz (91.57)

Sydney and Frances Lewis. *Proposal for a Colossal Monument in the Form of a Typewriter Eraser for Alcatraz ("Typewriter Eraser on Alcatraz")*, 1972, watercolor, crayon and graphite on paper, by Claes Thure Oldenburg (91.31)

Gordon Locksley and George T. Shea. *Untitled*, 1981, brush and ink on paper, mounted on linen, by David Deutsch (91.46)

Bert N. Mitchell. *The Flag*, 1990-1991, acrylic on canvas, by Herbert Gentry (92.16)

Benjamin Nicolette. *I've Been Living in a Hydrogen Bomb*, 1980, pen, brush and ink, and watercolor on paper, by John Alexander (91.66)

Mrs. Mary Nikoloric. *Untitled*, 1925, wax crayon on paper, by Ivan Mestrovic (91.32)

Mrs. Mary Nikoloric. *Lamentation*, 1917, shellacked plaster, by Ivan Mestrovic (91.33)

Mr. and Mrs. Stephen Pace. *Untitled*, 1960, oil on canvas, by Ernest Briggs (92.11)

Matt Phillips. *Garden for Three*, 1988, paper collage, monotype, and pastel on paper, by Matt Phillips (91.60)

Matt Phillips. *The Forest*, 1988-1989, paper collage, monotype and pastel on paper, by Matt Phillips (91.61)

Matt Phillips. *Berkeley Hills*, 1989, paper collage, monotype and charcoal on paper, by Matt Phillips (91.62)

Matt Phillips. *My Fair Garden*, 1991, paper collage and monotype on paper, by Matt Phillips (91.63)

Vivian and Elliott Pollock. *Snake Eyes*, 1975, handmade paper, fabric, and bamboo, by Robert Rauschenberg (92.14)

Paul Reed. *Gilport VIII*, 1971, acrylic on canvas, by Paul Reed (91.50)

Robert Reed. #4A 1965, 1965, acrylic on canvas, by Paul Reed (91.51)

Robert Reed. 5-17-90 #1, 1990, opaque watercolor on paper, by Paul Reed (91.52)

Robin and Judy Rose. *One Down...*, 1981, color lithograph with gouache on paper, by Howard Hodgkin (91.25)

Mrs. June Schuster. *Captain Perry Racer - Series 1965/5 C.R.*, 1965, acrylic on canvas, by Philip Hefferton (92.12)

Smithsonian Resident Associates. *On the Way*, 1980, pen, brush and ink, and watercolor on paper, by Jacob Lawrence (91.67)

Smithsonian Resident Associates. *Flowers for a Country*, 1991, color serigraph on paperboard, by Mindy Weisel (91.68)

Josephine C. Thornton. *Untitled A*, 1967, assemblage of aluminum, painted aluminum and screws, by Conrad Marca-Relli (92.15)

Donald M. Treiman. *Hercules and Alcestis*, 1983, oil on canvas, by Joyce Treiman (91.58)

Donald M. Treiman. *Untitled (The Surveyor)*, 1982, pastel and pencil on paper, by Joyce Treiman (91.59)

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Custom Signs Today. Project signage for SR-71 aircraft shelter.

The Design Alliance. Architectural services for construction of SR-71 aircraft shelter.

Digital Magic, Inc. Assistance with "Other Worlds" film for "Where Next, Columbus?" exhibition.

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Fairfax Hydorcrane. Cranes used for construction of SR-71 aircraft shelter.

GE Astro Space. Half-scale model of Mars Observer for "Where Next, Columbus?" exhibition.

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JAYCOR. Structural engineering services for construction of SR-71 aircraft shelter.

Jet Propulsion Laboratory. Provided custom Rover footage, space footage images and computer animation for interactive multimedia programs in "Where Next, Columbus?" exhibition.

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NASA. Assistance with "Where Next, Columbus?" exhibition.

Northwest Airlines, Inc. Airline tickets for official travel of "NASM Staff Members."

Novadyne Computers Systems. Maintenance services for computer equip-

ment in "Beyond the Limits" gallery and the Center for Earth and Planetary Studies.

Radiology Support Devices Inc. Donated item used for "Where Next, Columbus?" exhibition.

Reid & Cornwell. Structural engineering services for construction of SR-71 aircraft shelter.

Roland House. Participation in the production of a motion picture for "Star Trek" exhibition.

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SETI Institute. Donated items for "Where Next, Columbus?" exhibition.

Shaklee Corporation. Cleaning products used at Garber Facility.

Silicon Engines, Inc. Donated supercomputer chips for "Where Next, Columbus?" exhibition.

SNECMA, Inc. Provided goods and services associated with opening of WWI exhibition, "Legend, Memory and the Great War in the Air."

Southland Concrete. Footings for SR-71 aircraft shelter.

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Stanford University. Assistance with multimedia programs for "Where Next, Columbus?" exhibition.

Tangent Industries. Services in restoring two Cessna 150 aircraft.

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United Airlines. Airline tickets for official travel of "NASM Staff Members."

University of California. Hardware assistance provided in editing interactive multimedia programs for "Where Next, Columbus?" exhibition.

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A. Omotayo (Tayo) Adenaike. Watercolor on paper by Nigerian artist A. Omotayo (Tayo) Adenaike (1992-01-001).

Anonymous donor. Two linocuts by South African artist Joel Sibisi (1991-26-001—002).

Anonymous donor. Cast copper alloy Senufo staff top, Côte d'Ivoire (1992-07-001).

Dr. Ernst Anspach. Bembe mask, Zaire (1992-03-002).

Honorable Jack Faxon in memory of Pauline Faxon. Two Kuba textiles, Zaire; one Akwete textile and one

Wukari royal display cloth, Nigeria (1991-24-001—004).

Toby and Barry Hecht. Two Dida skirts, Côte d'Ivoire (1991-23-001—002).

Walter and Carlen Kreutzer. Mongo basket, Northern Zaire (1992-08-001).

Dr. and Mrs. Robert Kuhn. Kongo figure, Zaire (1991-22-001).

Dr. and Mrs. Robert Kuhn. Yoruba divination cup, Nigeria (1992-10-001).

Mr. and Mrs. James Phoenix in memory of Charlotte MacFadden. Kabyle pendant and pair of earrings, Algeria (1992-11-001—002a/b).

Mr. and Mrs. Kelley Rollings. Yoruba twin figure, Nigeria (1991-25-001).

Robert Farris Thompson. Textile by Brazilian artist Abdias do Sacramento Nobre (1992-09-001).

Judith Timyan. Baule gold pendant, Côte d'Ivoire (1991-27-001).

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 Zimmerman, Florence
 Zimmerman, Leonard
 Zorach, Tessim, Mr. and Mrs.
 Zuckerman, Eleanor
 Zuckerman, Stanley

National Museum of American History

Donors to the Collection

Benny Aasland: 47 *Duke Ellington Society
 Bulletins* from January 1979 to Sep-
 tember 1989 (1990.3216).
 Accademia delle Scienze di Torino
 (through Prof. Italo Lana): set of 2
 punched cards in the style of English
 mathematician Charles Babbage
 (1992.3054).
 Rita J. Adrosko: printed paper dress,
 1965-70 (1990.0065).
 Richard E. Ahlborn: tag maker's kit
 with 124 tools and supplies
 (1989.0393); 3 statuettes of saints,
 1980s, and a chromolithograph print
 of the virgin and child made in Hun-
 gary, ca. 1900 (1990.0118; chromo-
 lithograph and prayer card featuring
 Sainte Anne of Beaupre (1991.0338);
 18 artifacts reflecting popular
 religious practices acquired at the
 Shrine of Don Pedrito in Los Olmos,
 Texas (1991.0741); Eastern Orthodox
 Church convention badge of 1910
 (1991.0778).
 Mrs. Whitney J. Aitcheson: 36 glass
 lantern slides and a wooden case,
 1860-90 (1992.0383).
 Government of Aitutaki, Aitutaki Post
 Office: 7 stamps, 3 first day covers,
 and a souvenir sheet of Aitutaki
 (1991.0030).
 Warren Albert: SVE microfilm reader
 (1992.0310).

- Edward W. Alfried, IV: 79 fonts of typemetal and wood printing types and 48 miscellaneous printing tools and equipment (1986.0975).
- Dr. Julian Le Roi Altenhaus: campaign button, "Scientists, Engineers, Physicians for Johnson" (1992.0019).
- Harold Altman: 15 etchings by Mr. Altman, 1958-65 (1991.0425).
- Amalgamated Clothing Workers: pamphlet about occupational safety and a booklet about the Taft-Hartley Act (1991.0792).
- American Eagle Associates, Inc. (through Michael J. Carroll): 3 proof medals commemorating the 50th anniversary of the Japanese attack on Pearl Harbor (1992.0253).
- American Federation of Labor and Congress of Industrial Organizations (through L. G. Nygren): 9 pieces of Remington Rand punched card equipment (305981).
- American Philosophical Society (through Herman H. Goldstine): cable post-tensioned cast iron girder made by J. A. Gendell & Company and used in the Farmers' & Mechanics' Bank in Philadelphia, 1854-55 (1991.0786).
- Mrs. Helen and Polie L. Ames: 5 uniform items worn by Edwin Searson of the U.S. Army Hospital Corps during the Spanish-American War of 1898 and 9 uniform items and 6 medals worn by Montenegro soldier Peter Bulatovich during WW I and a painting of Mr. Bulatovich (1987.0008).
- Dr. Howard K. Ammerman: Golding printing press (1991.0379).
- Betty V. and Donald C. Anderson: 1948 track roadster racing car built and raced by Dick Frazier and a Mutual Racing Association insignia patch (1992.0028).
- Norman T. Anderson: stereo-graphoscope made in France, ca. 1890 (1992.0195).
- Anonymous: 3 counterfeit U.S. \$10 bills (1991.0847).
- Lillian T. Anthony: elevator operator's uniform blouse (1992.0153).
- Government of Antigua and Barbuda, Barbuda Post Office, Philatelic Bureau: 30 stamps, 7 first day covers, and a miniature sheet of Barbuda (1991.0031).
- The University of Arkansas, Department of Psychology (through Prof. Joel S. Freund): memory drum (1979.3065).
- Alex C. Armstrong: silver Cuzco Federacion 8-reales coin of 1837 (1991.0761); Guatemalan 8-real coin of 1827 (1992.0098).
- Mary P. Armstrong: 6 Bolivian coins, 1838-63 (1992.0103).
- Mary G. N. and Col. Whitney Ashbridge: 69 U.S. military uniform items, accessories, and equipment (316364).
- Col. Whitney Ashbridge: 22 documents relating to the U.S. Army Corps of Engineers (1979.0661).
- Associated Press (through Larry W. Stephens): Associated Press sign from a teletype machine (1992.0094).
- Association for Computing Machinery, Washington, D.C. Chapter (through Joyce Amenta): 2 sets of microfiche about the association and of its newsletter, *Computopic*, 1958-78 (1980.3007).
- Association of American Railroads (through Joyce Koeneman): videotape cassette titled "How to Move America" (1991.3020).
- Dr. Herbert R. Axelrod: matched quartet of bows for 2 violins, a viola and a cello made by Roger Zabinski, ca. 1991, a violin bow made by Henryk Kaston, 1991 (1991.0827).
- Cindy and Richard W. Babcock: arm-style school bus stop sign, 1930s (1984.0357).
- Jane F. Babson: 19 pieces of woman's clothing and accessories worn by Mrs. Babson, 1960-88 (1991.0852); woman's bracelet made of English coins, 1944-46 (1992.0051).
- Clark J. Bailey: "Devil's Fiddle" tambourine on a staff with bells, cymbals, and a carved devil's head (1991.0746).
- Baker Furniture Company (through Roderick G. Kreitzer): mahogany armchair made in 1990 from a design adapted in 1932 from an 18th-century English chair (1991.0201).
- Florence I. Balasny-Barnes: Abraham Lincoln commemorative plaster bust patented by Joseph A. Bailly, ca. 1865 (1992.0049).
- Christopher Balon: woodland camouflage utility uniform shirt, trousers, undershirt, and pair of boots worn by Mr. Balon in Saudi Arabia, and a Kodak disc camera damaged by shrapnel during the SCUD missile attack at Dhamran, 1991 (1991.0558).
- Sophonria Waesche Barbaro: 5 18th- and 19th-century lace borders and an embroidery frame with a partial sampler attached (1991.0448).
- Carol R. Bare: 9 woman's dresses, 2 suits, and a coat, all designed by Clair McCardell, 1939-58 (1991.0720).
- Mary Ellin Barrett, Linda L. Emmet, and Elizabeth I. Peters: 77 pieces of memorabilia including plaques, medallions, trophies, and clothing, all earned and used by Irving Berlin (1991.3198).
- Lt. Col. Richard J. Barringer, USAF: Keuffel & Esser architect's convertible level and a tripod (1992.0060).
- Dorothy Bingham Bartley: Royle Jacquard card-cutting machine, ca. 1937 (1987.0131).
- Preston R. Bassett (through Margaret B. Stern): 27 bicycle lapel pins and 9 souvenir items with bicycle motifs, 1880-1910, and a set of tobacco card premiums with images of early bicycles, ca. 1940 (1990.0294).
- Alan G. Bates: 3 woodworking molding planes (1991.0061).
- Fannie V. and Richard J. Beall: Sterling skirt marker with its original box, 1900-30 (1991.0002).
- Jean and Michael Becker: 3/4-size violoncello made by Abraham Prescott in the early 19th century (1992.0005).
- Roger L. Beckett: box of Lindsay's safety pins patented in 1878 (1991.0164).
- Robert W. Bebout: 4 bowls, 2 vases, a clock, and a set of rings and disks ready to be assembled into a vase, all made of wood turned on a lathe invented by Mr. Bebout (1991.0060).
- David R. Beiler: 23 videotape cassettes of television spots compiled for

- "Prime Time Politics 1950-89" (1991.3036).
- George A. Beiser: Keuffel & Esser splining set used in designing aircraft canopies (1992.0346).
- Ethel A. Belinky: 64 items of WW II service uniforms, accessories, accoutrements, insignia, and medals (1979.0580).
- Rev. John F. Bellwoar, S.J.: cassock, belt, and crucifix of a Roman Catholic priest (1992.0114).
- Bradley F. and Virginia W. Bennett: 24 Roman Imperial bronze coins (1991.0806); 122 ancient Siculo-Punic, Carthaginian, Roman, and North African coins (1991.0807); 176 ancient Greek coins (1992.0091); 274 ancient Greek coins (1992.0265).
- Mildred Bercik: framed wreath made by Maggie Jane Clements Meador from the hair of her brothers and sisters, 1888-89 (1991.0702).
- Laura Berger, Mabel Brinkley, Judith L. Britcher, Martha Ouzts, G. Harold, Gilley, Royce M., and Mrs. Ruth Stephens, American Foundation for the Blind (through Walter L. Decker), Erskine College (through William S. Hall), Heroes, Inc. (through Joseph Riley), National American Cancer Association (through Robert J. Task), National American Heart Association (through Gena Wilson), National Presbyterian Church (through Henry R. Mastroni), and St. Augustine By the Sea (through James Kauhane) in memory of Lula Furlong: framed late 18th-century flag fragment with 13 stars and stripes possibly flown on the USS *Constitution* (1992.0011).
- Harriet Best (through Virginia Best Norton) in memory of Gerald M. Best: lantern chandelier used in a Central Pacific Railroad passenger car about 1895 and a lithograph drawing of the locomotive *J. B. Jervis* (1991.0319).
- Frank Bezek: set of papers, set of photographs, set of envelopes, journal, parchment document, and a portfolio, all related to the maritime career of G. C. Abbott, 19th century (1991.3181).
- David Biermann: variable displacement wobble-plate pump model built in 1965 by Arnold E. Biermann (1992.0111).
- L. W. Bills Company (through Harold C. Roedre): fire alarm telegraph tap-per bell (1991.0872).
- Lenore R. Binzer: 13 pieces of rural clothing including 5 boy's trousers and knickers, 3 woman's dresses, 2 wrappers, a blouse, skirt, and a nightgown, 1860-1920 (1991.0553).
- Francis S. Blasdel: 2 combination tooth-pick/earscoops, one of gold and the other silver (1991.0661).
- Maj. Joseph E. Bles: U.S. national flag shoulder sleeve insignia, 1991 (1991.0713).
- Roger W. Blessing in honor of Victor Warren Blessing: 2 transistors, a core plug, and a Bureau of Mines zirconium sample (1992.0340).
- David Board: bronze U.S. Bicentennial Medal of the Masonic Grand Lodge of the District of Columbia, 1976 (1992.0379).
- Alan T. Bogan: military ration "Meal Ready to Eat" of frankfurters (1991.0821).
- Boston Women's Health Book Collective (through Judy Norsigian): 4 books and 4 posters (1991.3077).
- Peter J. Bould: photograph of Duke Ellington by Herman Leonard (1990.3185).
- Thomas W. Bower: man's 2-piece gabardine suit with shirt, necktie, belt, and cuff links, 1968 (1991.0845).
- Mrs. Donald L. Bowers: T-shirt inscribed "FDR-CIO Labor Center" with an image of President Roosevelt, 1935-36 (1992.0239).
- Doris M. Bowman: hand-woven plaid pattern wool blanket, 19th century (1991.0364).
- Anne M. Boyle and Thomas D. Boyle: Doremus-style lamppost letterbox made by the Reading Stove Works in 1894 and an Esterbrook fountain pen and inkstand (1989.0566).
- Dr. Regis Louise Boyle: doll (1992.0152).
- Banco Central do Brasil, Departamento do Meio Circulante (through Carlos Eduardo T. de Andrade): 500-cruzeiros coin commemorating Columbus' discovery of America, 1991 (1992.0082); (through Antonio Carlos Meda): 9 Brazilian coins of 1989-90 (1991.0762); Brazilian coin commemorating the 1992 United Nations Conference on Environment and Development (1992.0323); specimen bank note commemorating the 1992 United Nations Conference on Environment and Development (1992.0361); (through Alcides de Schueler): Brazilian bank note for 50,000 cruzeiros (1991.0869).
- Frank O. Braynard: 68 ocean liner documents and artifacts related mainly to the S.S. *Leviathan*, 1914, and the S.S. *United States*, 1952 (1991.0856).
- Fleur S. Bresler: length of feed bag fabric and a quilt top made with feed bag fabric squares (1991.0815).
- A. Bridgers: .6 cubic foot of archival material relating to Duke Ellington (1990.3235).
- Alice E. Briscoe: General Electric fruit and vegetable peeler (1991.0273).
- Marguerite Wale Broaddus: bill from couturier Lucien Lelong of Paris made out to Miss Wale, May 1929 (1992.0139).
- Rodger M. Brodin: miniature replica of the military nurse statue for the Vietnam Women's Memorial made by Mr. Brodin (1991.0782).
- Irvin A. Brooke: 4 embroidered textiles and a piece of silk dress fabric (1991.0763).
- Darlene Brown: .15 cubic foot of newsclippings, photographs, articles, programs, and other archival material relating to the career of Duke Ellington (1991.3156).
- Naomi Huber Brown: .15 cubic foot of photographs, notes, publicity booklet, phonograph album cover, and an artist's contract from Duke Ellington's concert tour of Asia in 1963 (1991.3150).
- David Winner Brudon (through William R. Piper, Jr.): 6 pieces of amber jewelry, 1900-60 (1991.0342).
- Joanne M. and William R. Bruegman III: 15 children's books, 3 board games, 2 phonograph record jacket covers, a toy key set, Busy Boy tool chest, and a Davy Crockett drinking glass (1990.0449).

- James H. Bruns: U.S. mailbox made by the Carlisle Foundry of Carlisle, Pennsylvania in 1942 (1990.0484); 3 postage stamp vending machines (1991.0170).
- Enid J. Buckland, Jeanette M. Hartman, and Helen Meyers: 18th-century portable sundial made by Chapotot of Paris, France (1991.0884).
- Barbara P. Bush: fatigue blouse worn by Mrs. Bush in Saudi Arabia during Thanksgiving 1990 (1991.0121).
- Madelyn B. Cafruny: 2 photographs, a kishk-grinding pestle, and a bone marrow scoop brought to America by Lebanese immigrants (1990.0672).
- X. and F. Calico (through Ferran Calico Estivill): bronze medal commemorating D. F. Xavier Calico Rebull in 1991 (1991.0760).
- William H. Calk, Sr.: lacrosse stick (1992.0155).
- Leopoldo Cancio: 12 ancient Greek coins and a Chilean *peso* dated 1868 (1991.0748); 6 ancient Roman coins (1992.0033).
- Luis Orlando Carneiro: 2 books, a book review, and a phonograph record of "The Duke in Sao Paulo" (1990.3221).
- J. B. Carpenter in memory of Mrs. Walter Willard Boyd: 10 woman's dresses, 2 hats, and a suit, 1940s-70s, 3 girl's dresses, a robe, and a hair ornament, 1930-48, and 3 boy's suits, 1938-45, all worn by members of the Boyd family in the Washington, D.C. area (1991.0698).
- Walter A. Carpus: 4 undershirts and 4 pairs of drawers of U.S. Army winter white wool, mackinaw coat and undershirt of the Harbor Defense Command, and a German wool sweater, all WW II (1979.0834); 2 U.S. Navy manuals for radio receivers of WW I (1991.0693).
- Kathleen Hand Carter: 6 reels of film depicting rural life and cotton farming in Mississippi in the 1930s and 1940s (1991.0743).
- Alexander Cartner: Pioneer laser disc player, noise reduction unit, and remote control unit (1991.0551).
- Russell K. Cashdollar: 2 reproduction advertisement sheets for streetcars or buses (1986.3007).
- Wallace Cathey: child's "Howdy Doody" platform rocking chair, 1953 (1991.0877).
- Howard Cayton: 2 postal mailers for recorded tape (1991.0263).
- CERBEC, Inc. (through John W. Lucek): display case containing 23 sets of Noralide silicon nitride ceramic bearing balls and components (1991.0865).
- Nadine Lane Chapman (through Sandra Hart Shaw): woman's mourning pendant, 1800-20 (1992.0302).
- Coby Chase: 6 buttons and 6 documents related to the Superconducting Super Collider (1992.3027).
- Judge Charles I. Chassen: breechloading rifle made by J. H. Merrill of Baltimore, Maryland, patented July 1858, with a nipple wrench built in (1991.0855).
- Chemical Abstracts Service (through Dr. Ronald L. Wigington): IBM 2280-5002 film recorder used in phototypesetting from 1968 to 1974 (314462).
- James J. Childs: 16.5 cubic feet of archival papers relating to the field of numerical control of machinery, 1952-70 (1991.3085); 8.5 cubic feet of archival papers relating to the field of numerical control of machinery, 1957-87 (1992.3056).
- Valentine Z. Chilk: 10-pound size sugar sack (1991.0439).
- Government of the Republic of China, The Philatelic Department, Directorate General of Posts (through Ho Sheng Hsia): 90 stamps, 18 first day covers, and 2 souvenir sheets of the Republic of China (1990.0363).
- Kim Christiansen: pair of silver earrings made by Mr. Christiansen with braille dot-writing, one says "harmony" and the other "serenity," 1992 (1992.0276).
- Elvira Clain-Stefanelli: medal commemorating the U.S. Bicentennial made by the French Mint (1991.0258); 91 Roman Republican coins and a Roman Imperial coin (1991.0688); 61 silver Saxon and German Principality coins of the 16th-19th centuries (1991.0757); 3 foreign commemorative medals (1991.0758); 5 medals and souvenir items from various numismatic conventions and events, 1956-79 (1991.0805); 10 credit cards issued to Vladimir Clain-Stefanelli (1992.0050).
- Mrs. Connie and Robert L. Clark in memory of Beverly Clark: uniform coat, shirt, skirt, and hat worn by Beverly Clark during the Persian Gulf War (1991.0789).
- Jack R. Clifford: 3 transistors made by RCA, Raytheon, and Sylvania (1992.0068).
- Rosemary Clooney: gold phonograph record on a plaque commemorating a million copy selling recording (1992.0185).
- Richard F. Clothier: 11 examples of play money (1991.0814).
- The Coca-Cola Company, Archives Department (through Philip F. Mooney): 3 WW II era Coca-Cola bottles (1992.3084).
- Barbara J. Coffee: aluminum bonbon dish, mid-20th century (1991.0819); 3 phonograph records with an album cover of music sung by Carmen Miranda (1991.0843).
- Spc. Melissa Coleman: desert pattern battle dress uniform shirt and trousers worn by Specialist Coleman in Saudi Arabia, 1990-91 (1991.0377).
- A. A. Conant: woman's black wool combination muff-handbag, 1934-40 (1992.0076).
- David Condon: ink and watercolor drawing of a Mexican War battle scene (1985.3140); Remington A4 sniper's rifle with scope, WW II (1991.0733).
- Robert B. Condon: 2 experimental pencil pointer models, an adjustable pencil pointer mechanism, and a pencil pointer (1991.0766); 3 bow pencils made by Keuffel & Esser, Gramercy, and Omicron and a rule and beam compass made by T. Alteneder Sons (1991.0793).
- Maria Constantine: set of steel millinery trimmer's needles, 1850-1920 (1991.0449).
- Government of the Cook Islands, Philatelic Bureau, Post Office: 6 stamps, 6 first day covers, and 2 souvenir sheets of the Cook Islands (1991.0029).

- Dr. G. B. Cordova: baking peel or spatula used to put bread into and take it out of an oven, ca. 1950 (1992.0059).
- Cornell University, New York State Agricultural Experiment Station, Department of Horticultural Sciences (through Hugh C. Price, Ph.D. and John Sanford, Ph.D.): 2 prototypes of the Biolistic particle gun, a set of accessories, and a videotape cassette showing a microprojectile inside a plant cell, 1987-90 (1991.0785); School of Civil and Environmental Engineering (through Arnim H. Meyberg): 2 wrought-iron bridge spikes removed in 1910 from the Amesbury-Newburyport, Massachusetts suspension bridge built in 1810 (1992.0006).
- Maj. Rhonda L. Cornum: Prisoner of War uniform jacket, shirt, trousers, sneakers, and a sling for a broken arm issued to Major Cornum by Iraq when captured during the Persian Gulf War, 1991 (1991.0402).
- Martial P. Corriveau, P.E.: first day cover cancelled at both Cheyenne Post Office and the Wyoming State Capital Station on February 23, 1990 (1991.0008).
- James Cotton: Hohner Marine Band harmonica in the key of A, made in Germany (1991.0367).
- Cornelia Cree: 35 pieces of WW I military and YWCA uniform items and accessories, insignia, and documents (1979.0341).
- Adrian Cronauer: Webster Webcor Model 181-1 wire recorder (1992.0315).
- Jeane Cronauer: pressed glass sauce dish in the Canadian pattern, 1874-97 (1992.0366).
- Ruth W. Crook: electric soldering iron with 7 interchangeable tips, 6 files, a file box, and a can of soldering flux (1991.0278).
- Pauline Sherman Crouse: 18 documents and a silver identification tag from Mrs. Crouse's WW I Army Nurse Corps career (1977.1042).
- Government of Cuba, Coprefil, Empresa Comercial Filatelica: 78 stamps, 37 first day covers, and 2 souvenir sheets of Cuba (1991.0167).
- George S. Cuhaj: 2 bronze medals designed by Mr. Cuhaj, 1990-92 (1992.0252).
- Barton S. Cummings: 4.5 cubic feet of correspondence, personal papers, and manuscripts documenting the advertising career of Mr. Cummings, 1938-90 (1992.3042).
- Cindy Cutshall: 3 crayon and pencil drawings by Miss Cutshall and a pin commemorating the first human gene therapy experiment in 1990 (1992.0072).
- Government of the Republic of Cyprus, Ministry of Communications and Works, Department of Postal Services (through Andreas Stamataris): 6 stamps of Cyprus (1991.0336).
- Bonnie Dank: 42 phonograph records contained in 11 album covers (1988.0384).
- Edward M. Davenport: bathtub, medicine cabinet, sink, and a toilet (1992.0146).
- S. LeRoy Deavenport and Judith D. Mitchener: 8 film reels of cotton production in Mississippi, 1938-50 (1992.0144).
- Della DeMoss and Kay Fredericks: 2 dresses, 2 pairs of sleeves, a crinoline, and a pair of panties worn by Ms. Fredericks when dancing on a black light stage in the 1950's (1991.0677).
- Government of Denmark, Postens Frimaerkecenter (through Hanne Lund): 65 stamps of Denmark and 60 stamps of the Faroe Islands (1991.0112).
- Josephine M. DeRosa and Louise H. Puleo: 5 clothing items comprising a performance outfit worn by Johnny Puleo (1991.0264); 3 harmonicas played by Johnny Puleo (1991.0265).
- Pamela A. Derrenger: feather duster, asbestos burner pad, box-form grill, and a vegetable peeler (1992.0208); 3 palette-form individual tables, an asbestos burner pad, and a whisk broom (1992.3113).
- Lynda DeWitt: tie clip with the U.S. Postal Service emblem (1991.0065).
- Norman Diamond: 2 Johnson fare box manuals, 1929 (1985.3066).
- Dennis Dimmer: book of advertisements about Duke Ellington and his orchestra at the Chicago Coliseum, 1944 (1991.3149).
- District of Columbia Bureau of Public Works (through F. Clayton Dade): street cleaning cart with shovel and broom (1992.0272).
- Edward di Valli: linen cloth, table cover, shirt, cape, cameo brooch, and a book brought from northern Italy about 1907 and a set of naturalization papers of 1942 for Louis and Rosa Ortino (1990.0345).
- William C. Dolowy, M.S., D.V.M.: .5 cubic foot of documents related to Dr. Dolowy's research on the enzyme L-asparaginase now used in human leukemia therapy (1992.3157).
- Arnold Donahue: WW I enlisted man's coat, breeches, and gas mask (1979.0915).
- Donley & Miller Ltd. (through Peter R. Miller): 4-piece pink-glazed terra cotta architectural spandrel panel made by Northwestern Terra Cotta Company for the Western Methodist Book Concern building of Chicago, Illinois in 1899 (1991.0887).
- Richard G. Doty: American Numismatic Association centennial commemorative medal, 1991 (1991.0685).
- Colleen and Paul M. Dougherty: military training saddle with accessories and a bridle, all made by D. Mason and Son, Ltd. of Birmingham, Great Britain, ca. 1916 (1992.0012).
- T. Scripps Downing: 6 cipher machines including prototypes and 2 sets of cipher rotors invented by Edward H. Hebern, 1920s-30s (1991.0190); 128 cipher machine components, photographs, drawings, documents, and patent papers related to Edward H. Hebern's work in the 1920s and 1930s (1991.3033).
- Robert A. Draghi: door (1992.0151).
- Eileen and Richard C. Dubrow: 2 balloon-backed side chairs made by J. H. Belter & Company of New York City, 1856-61 (1991.0867).
- Dudley Sports (through John F. Furlong): 8 softball-making objects including 4 covers, 2 cores, a partially sewn ball, and a stitching clamp, all used by workers in Haiti (1991.0442).
- Michael P. Duffy: hardtack biscuit decorated with ink, "C.B. Ford, Com-

- pany E, 2nd New Jersey, 1898" (1987.0502).
- Randolph N. Dyer II: set of films, photographs, and documents related to the LCL Corporation and Mr. Dyer's role as Executive Vice President, 1960-72 (1991.3053).
- George W. Earle, Jr.: Craftsman pipe wrench, 1930s (1991.0059).
- Eastman Kodak Company: polycontrast filter kit (1992.0142); Business Information Center (through M. Lois Gauch): book, *Government War Advertising*, 1918 (1991.3025).
- Maj. Michael G. Edrington, USA: lined desert night camouflage parka, 1991 (1992.0169).
- Lawrence E. Edwards: 5-cent U.S. Treasury check made to Mr. Edwards on May 8, 1947 (1992.0250).
- Robert S. Edwards: knight's helmet radiator ornament from a late 1920s Willys-Knight automobile (1991.0148).
- Albert M. Eldridge in memory of Clyde N. Eldridge: W. & L. E. Gurley telescopic solar transit, ca. 1944, with a notebook of photographs and instructions and a 1970 Gurley *Ephemeris* (1991.0809).
- Mercedes Ellington: photograph of Duke Ellington (1991.3148).
- Ruth Ellington: 2 videotape cassettes of "Sacred Music of Duke Ellington" (1990.3220).
- The Duke Ellington Society, New York Chapter (through Morris Hodara): 49 newsletters of the New York Chapter of the Duke Ellington Society, September 1986-June 1991 (1991.3161).
- Stevenson Enterline: photograph album documenting the construction of the first cantilever bridge in Quebec, 1905 (1992.0074).
- Dr. Barbara Epremian: woman's brown poplin maxi-length raincoat, 1970 (1991.0090).
- Elliot Erwit: empty leather-covered wooden box made to hold a magic lantern projector (1992.0385).
- Joseph Evans: flag of the Rom Gypsy Nation (1991.0333).
- Timothy Evans: man's brocade smoking jacket, 1890-1920, and a woman's medieval revival silk dress, 1908-12 (1991.0850).
- Douglas E. Evelyn: 18 Boy Scout books including 15 merit badge booklets, a water safety book, leader's program notebook, and a handbook (1991.0801).
- Government of the Faroe Islands, Philatelic Service, The Faroese Postal Administration: 80 stamps and 6 first day covers of the Faroe Islands (1991.0028).
- Suzanne Farrell: pair of autographed ballet toe shoes and a costume worn by Ms. Farrell in the ballet "Don Quixote" in 1965 (1991.0863).
- Edward C. Fechter: 47 sets of watch parts, gauging equipment, and dial manufacturing equipment, 1880s-1960s (1990.0579).
- Dr. Daniel C. Fielder: boxed set of Atlantic telegraph cable samples of 1869 (1991.0866).
- Bernard S. Finn: Star electric heating pad (1991.0274); Metals Masters toy telephone in original box (1991.0276); Hanksraft ceramic baby bottle warmer, electric massager and spot reducer, and a Kenmore electric hair dryer, ca. 1949 (1991.0410); Crosley Cathedral radio (1992.3055).
- Howard M. Finn: 301 U.S. 1-cent coins consisting of 63 large cents of 1794-1857, 4 flying eagle cents of 1856-58, 55 Indian head cents of 1859-1909, and 179 Lincoln cents of 1909-75, 31 U.S. 1/2-cent coins of 1794-1857, and 11 U.S. 2-cent coins of 1864-73 (1992.0324).
- Jane A. Finn: "Draft Perot in '92" button (1992.0133).
- Michael J. Flack: woman's beaded evening bag, 1905-20 (1991.0874).
- Kenneth J. Fleck: 12 War of 1812 era military uniform buttons excavated from Sackets Harbor in Lake Ontario in 1978 (1988.0499).
- Shelly J. Foote: alto saxophone made by F. E. Olds and Son of Fullerton, California about 1958 (1992.0119).
- Frederick Forscher: letter dated February 23, 1890 recording the sale of Carl Auer von Welsbach's invention of the gas-light mantle to the Austrian Gas and Electric Company (1991.3178).
- Michele Forzley: box of peddler's notions used about 1897 by Ms. Forzley's grandfather (1990.0231).
- George V. Foster: desert camouflage battle dress uniform shirt, trousers, and hat worn by Mr. Foster during Operation Desert Storm in Saudi Arabia, 1990-91 (1991.0323).
- Beatrice A. and Jacques Francois: folk fiddle with bow and case made by A. B. Calhoun in 1896 (1991.0706).
- Jean K. and Dr. W. David Francisco: shawl embroidered with silver and gold metallic yarn on black net, 19th century (1992.0079).
- Postmaster General Anthony M. Frank: pen used by Mr. Frank to sign the charter establishing the National Postal Museum in November 1990, and a matching pencil (1990.0620).
- Ruth E. Fraser: U.S. Postal Service letter carrier's uniform dress trousers and Eisenhower jacket of 1948 (1991.0667).
- Margaret L. Frick: diary notes, activity notes, a letter, and a pamphlet from Ms. Frick's 11th grade year in New York City, 1939 (1991.3008).
- Sidney Fruman for the Fruman family in memory of Nathan Fruman: violin made by F. Fruman in 1911 (1991.0826).
- Helen-Marie Fruth: cottage clock made by the Waterbury Clock Company (1990.0166).
- Paul Fry: 6 WW II posters (1987.0730).
- John H. Fugate: leather-bound notebook with schedule carried by a Pony Express rider from Nebraska (1990.0564).
- Gateway Coin Club of Merced County (through Joel W. Anderson): medal designed by Mr. Anderson commemorating the 50th anniversary of the founding of Castle Air Force Base in 1941 (1991.0687); brass medal commemorating the Yosemite Valley Railroad, 1992 (1992.0380).
- General Motors Research Laboratories, General Motors Technical Center (through Arthur F. Underwood): experimental radioisotope radiation projector with its prototype, holder for radiation source, set of turbine blades, tool for measuring blade wall thickness, and a tool for measuring foundry sand moisture (1991.0424); radiography assembly, replica radia-

- tion source, moisture gauge, and a set of metal legs (1991.3073).
- Joseph Genovese: International Recording Company electric slave clock and the mechanism for a slave clock (1988.0104).
- Albert C. Gielow: 5 photographs of the buildings and ivory work done at Wood & Brooks Company of North Tonawanda, New York, 1917-50s (1992.3160).
- Mary W. Gilbert: 3 negligee robes and 2 evening gowns, 1910-45 (1992.0134).
- Dr. James R. and Karen Gildenston, Scott Andrew Gildenston, and Ronita Lynn Gildenston: experimental cathode ray oscilloscope tube made by H. W. Weinhart in 1932 (1992.0001).
- The Gillette Company, Gillette North Atlantic Shaving Group (through A. Bruce Cleverly and P. K. Hoffman): sterling silver and platinum-plated editions of the Gillette Sensor razor, 1990 (1991.0136).
- Arthur F. Goldberg, M.D. and Esther Goldberg: stoneware chimney pot with eagle motif made by Walter Smith of the Superior Clay Corporation of Unrichsville, Ohio, ca. 1975 (1991.0345); 4 steins, 2 pitchers, and a mug, all made of salt-glazed stoneware by White's Pottery of Utica, New York, and a covered bowl made by Karen Karnes (1992.0278).
- The Golden Ball Tavern Keepers, Inc. (through Dorothea M. Waterbury): sheet of 9 unissued lottery tickets made in 1784 for repair and improvement of the Waterbury Bridge on the Boston Post Road, Massachusetts (1991.0662).
- Alan J. Goldstein and Sheila G. Small: 2 Superman comic books with 2 phonograph record sets, 1940s (1992.0018).
- Claire P. Gordon: 2 cubic feet of papers relating to the career of Rex Stewart (1991.3155).
- Harold Gordon: photograph of Louis Agassiz and friends by August Sonrel, 1871 (1990.0326).
- Robert B. Gordon: 3 volumes of mechanical engineering laboratory reports written by Albert Birdsey Starr while attending Sibley College at Cornell University, 1905-06 (1991.0824).
- Prof. Robert S. Gordon: set of wooden geometric models demonstrating crystal structure (1991.0868).
- Mrs. Ralph S. Gorton, Jr.: woman's silk paisley shawl of 1849 and a pair of woman's leather riding gloves, 1850-99 (1991.0853).
- Mrs. Kenneth Gosney: 3 feed sacks with decorative printed patterns (1990.3214).
- Barbara E. Gottlieb: leather-bound potter's notebook of the late 19th century (1992.3138).
- D. L. Graham: 4 woman's dresses and jackets, 1936-50, and a girl's pilgrim outfit of 1932 (1991.0737).
- Noel Gray: 2 pieces of Australian paper currency (1991.0832); Australian 10-dollar bank note (1992.0032).
- Dave Grayson: 2 hairpieces and a make-up kit used by Mr. Grayson to make-up John Wayne for the movie *True Grit*, 1968 (1991.0441).
- Greenbelt Center Elementary School (through John M. Vanschoonhoven): *Atlantic Magazine* of June 1990 (1990.3113).
- Eric Greenleaf: 17 linen tracings of machinery from the Corliss Steam Engine Company and the International Power Company (1992.0002); 37 linen tracings of steam engine and boiler components from the Corliss Steam Engine Company, 1880-1910 (1992.0337).
- Adelaide Rendleman Grieve: mother-of-pearl and feather fan with its original box purchased at Faucon in Paris in 1928 (1991.0798).
- Robert H. Groh, M.D.: Oschner electric shock therapy apparatus, 1941 (1992.0261).
- Howard A. Guernsey (through Richard L. Guernsey): 2,610 phonograph records of jazz music (1988.0698).
- Arthur J. Gutman: whiteware pitcher with floral decoration made at Monumental Pottery in Baltimore, Maryland, 1880s (1992.0344).
- Jim Hail: Soap Box Derby racing helmet, shirt, wheel cover, and program from Mr. Hail's participation in the National Finals in Akron, Ohio in 1950 (1991.0440).
- Kenneth E. Halderman: 12 military uniform items and equipment of Cuba, 1983 (1991.0822).
- Rosalie Anne Hansen: woman's pink crepe teddy, 1926-27, navy blue wool knit bathing suit, 1930s, and 2 photographs of Mrs. Hansen's mother wearing the bathing suit (1992.0088).
- Teresa Hanyok: Fedders window unit room air conditioner, 1954-57 (1992.0347).
- Carter Harman: 10 audiotape reels of interviews Mr. Harman conducted with Duke Ellington, 1956 and 1964 (1991.3084).
- Diane Harris: pair of woman's gold-colored earrings, 1989 (1991.0697).
- Elizabeth M. Harris: Sigwalt "Chicago" printing press (1992.0016).
- Michael R. Harris: 4 cigar box labels and a whiskey bottle label with sports themes (1991.0426).
- Hart, Schaffner, & Marx (through Robert Connors): 6 cubic feet of archival material of the men's clothier firm of Hart, Schaffner, and Marx (1991.3167).
- William E. Hartung: Weathers turntable with a polarizing power supply (1991.0409).
- Harvard University (through Dr. L. Gard Wiggins): 3 sets of relays from the Harvard-IBM Automatic Sequence Controlled Calculator Mark I computer (1983.3006).
- John Hasse: Ampex Model 750 tape recorder, ca. 1965 (1987.0927).
- James Hearn: 2 silver coins of China (1992.0099).
- Heinz U.S.A., Division of H. J. Heinz Company (through Edwin C. Lehw): Heinz ketchup bottle of about 1910 (1992.0219).
- William H. Helfand: 982 documentary ephemera related to medical topics including catalogs, labels, almanacs, postcards, tradecards, blotters, advertisements, prints, pamphlets, and cartoons (1990.3170).
- Roslyn and Dr. Sydney Helfen: Ironrite electric ironing system with chair, ca. 1943 (1992.3071).
- Katherine Hemenway in honor of Eldee Wilson: Welta Reflexkta camera made in Germany, ca. 1947 (1992.0248).

- Kathryn Henderson: 2 trays commemorating Jacqueline and John Fitzgerald Kennedy (1991.0430).
- Claude E. and Ruth L. Hensinger: wedding dress made and worn by Mrs. Hensinger in July 1947 from the parachute used by Major Hensinger to bail out of his B29 in 1944, and a veil (1992.0236).
- Billy Henson: stoneware face vessel made by Mr. Henson of Lyman, South Carolina, 1992 (1992.0395).
- Dolores (Dee) A. Herget: wire-mesh window screen painted with a pastoral scene and red-roofed bungalow by Dee Herget, ca. 1991 (1991.0813).
- Hershey Community Archives (through Pamela Cassidy): Hershey's chocolate bar carton, 1941-47 (1992.3112).
- Miles E. Hess: safe conduct pass and a 50-piaster note, both used by Mr. Hess in South Vietnam (1988.3121).
- Rear Adm. M. A. Hirsch: Keystone Radioptican projector and a postcard depicting the Bank and Royal Exchange Building in London (1992.0308).
- Carol Ann and Edward P. Hock: cover from the last remaining Pony Express delivery reenactment, cover cancelled January 2-3, 1991 in Payson, Arizona (1991.0114).
- Sjef Hoefsmit: 75 audiotape cassettes recording the International Conference of the Duke Ellington Study Group meetings from 1981 to 1990 (1990.3224); 11 audiotape cassettes from the International Conference of the Duke Ellington Study Group held May 1990 (1991.3151).
- Dr. Gilbert H. Hoffman: 27 photograph negatives and a positive photograph concerning the Southern Iron and Equipment Company (1989.3119).
- Dr. John N. Hoffman: wooden printing frame made by the Rochester Camera Company (1992.0141).
- R. Hofmeister: Kienzle travel clock (1989.0582).
- Hohner, Inc. (through Jack C. Kavoukian): 2 harmonicas, an "American Ace" made by Hohner in China and an "Official Scour" made by Hohner in Germany (1991.0045).
- Edward A. and Gloria J. Holub: man's watch chain with human hair fob, 1890-1906, and a woman's handkerchief, 1917-18 (1991.0407).
- Margarita Arias Hoover: 4 passementerie fragments, 2 sets of drapery tiebacks, a pair of draperies with a matching valence, and a length of tied fringe (1990.0108).
- The Hoover Company (through Charles D. DeGraff): 17 small electric household appliances including 8 flatirons, 4 toasters, a portable oven, corn popper, biscuit baker, heater, and a fan (1991.0835); Knapp-Monarch hair dryer with its original box, 1928 (1991.0844); 2 Knapp-Monarch electric vaporizers, 1940 and 1950 (1991.0873).
- C. R. Hoshaw: Brandis & Sons sextant and Battenberg's Course Indicator Mark II navigation instrument, both made for use by the U.S. Navy (1991.0446).
- Capt. Stephen P. Howard, USAF: 10 propaganda leaflets from the 1991 Gulf War, some printed on Iraqi paper money (1992.0057); 10 propaganda leaflets and 2 uniform patches from the Persian Gulf War, 1991 (1992.0067).
- Timothy L. and Vera R. Howey: family fallout shelter installed in the front yard of the Howey's home in 1955, includes 2 exhaust vents and an advertisement (1992.3048).
- Ellen Roney Hughes: 6 pieces of school memorabilia, 2 drawings, a skateboard, and a pair of ice skates (1992.0116).
- Mary K. Hulse: doily made from a feed sack with hand-crocheted edges (1991.0447).
- Comdr. Charlotte L. Hume, USN (Ret.): 3 watercolor sketches and a poster proof by Ethel Reed, ca. 1890s (1991.0818).
- Arnold W. Hunnewell: Smith Pestmaster garden duster, 1940s-50s (1991.0156).
- Leon H. Hurd: stock car raced by Lee Hurd, 1953-55, with a 1932 Ford coupe chassis and a 1942 Ford V-8 flathead engine (1992.0029).
- ICS Corporation (through Richard M. Sales): Soviet medal made from metal taken from a dismantled missile commemorating the first nuclear arms treaty (1991.0233).
- Indiana University, Department of Physics (through Jordan Tillett): Ayrton & Perry direct reading spring ammeter and a Queen & Company acoustic siren demonstration instrument (1992.0140).
- The International Boiler Works Company (through J. A. Beals): American Society of Mechanical Engineers "L" stamp for locomotive boilers (1992.0107).
- International Business Machines Corporation, Thomas Watson Research Center, Technical Vitality and University Relations (through Dr. V. Sadagopan): 14 optical crystals used in early laser experiments by Dr. Peter Sorokin (1985.0268).
- The International History Week Awards Committee and the Cultural Enrichment Committees, Inc. (through Kenneth W. Freelain): pamphlet titled *The Constitution of the United States* autographed by Warren E. Burger, book titled *The Capitol* autographed by the Virginia Congressional Delegation, and a resolution passed by the District of Columbia Board of Education declaring October 13-19, 1991 "International History Week" (1992.0025).
- State of Iowa, Department of Economic Development, Marketing and Promotions (through Bob Henningsen): "Iowa Biotech Express" banner (1991.0396).
- Joseph D. Isola: wedding veil with floral lace appliques and embroidery worn by Natalie Balsarini Isola in June 1924 and 2 wedding photographs (1991.0328).
- Government of the State of Israel, Ministry of Communications, Philatelic Service: 8 first day covers of Israel (1991.0138).
- Istituto Culturale Materiale e Archeologia Industrie (through Bruno Corti): silver medal honoring the Istituto Culturale Materiale e Archeologia Industrie, 1990 (1991.0804).
- Jabel Incorporated (through Daniel D. Herman): 3 rings made by Jabel In-

- corporated which were reproduced from the Smithsonian Institution's Division of Costume collection, 1990-91 (1991.0701).
- Virginia B. Jachowski: silk kerchief illustrating the Machinery Building at the Pan-American Exposition in Buffalo, New York (1990.0357).
- Richard Jackson: official publication from the Duke Ellington Exhibit at the Vincent Astor Gallery, New York Public Library, July 11-August 18, 1979 (1990.3186).
- Dorothy Jacobs: saxophone-shaped kazoo made in Japan (1991.0683); memorial plaque for a girl who died in 1913 (1991.0742).
- Wynne James III: facsimile image of Joseph Barbieri, Jr. sent from Paris to Lyons, France by Jean Caselli's pantelegraphy method in 1867 (1992.0292).
- Barbara Janssen: striped wool shawl and a printed cotton feed bag (1991.0421).
- The Bank of Japan (through Y. Murakami): 2 500-yen coins commemorating the 20th anniversary of the U.S. reversion of Okinawa to Japan, 1992 (1992.0218).
- Jbi, Incorporated (through Lisa Lindahl and Hinda Miller): woman's "Jogbra" sports brassiere, 1977-80 (1991.0172).
- Jebco Incorporated (through Stephen K. Giddens): U.S. Postal Service Express Mail collection box for next day delivery, 1990 (1990.0474).
- C. Francis Jenkins: stereo camera (1992.0211).
- Jensen Tools Inc. (through S. L. Jensen and Norman J. Sloan): attache-style tool case with 73 tools used to repair computers and other electronic equipment (1991.0104).
- Mrs. Betty Johansen in memory of Ralph E. Goad: unfired clay railroad telegraph insulator, ca. 1915 (1991.3130).
- D. Wayne Johnson: silver medal by Alex Shagin honoring Christopher Columbus, 1989 (1992.0132).
- Marjorie Johnson: 18 postcards, 1909-20 (1990.0662).
- Miriem E. Johnson (through Elizabeth Kern and Louise W. Marsh): woman's mother-of-pearl and lace fan, 1880-1900 (1991.0700).
- The Journal of Commerce (through Kenneth W. Manz and James R. Steckel): Intertype linotype machine No. 1 of 1913 (1991.0708).
- Ann L. Kallal: 4 Roman Catholic prayer cards, a prayer book of 1902, diploma from St. Leo's School in Chicago of 1923, and a theater *Playbill* of 1934 (1990.0248).
- Constan G. Kanellos: Mauserwerk STG-44 German assault rifle (1991.0676).
- Benita J. Kaplan: Red Cross headband of WW I (1992.0171).
- Janie M. Kash: model of the *De Witt Clinton* locomotive with tender and a set of 3 coaches made by Peyton L. Morgan, 1931-33 (1992.0036).
- Flora D. Katz: button, "I Gave My Tooth to Science," given to donors during studies to measure strontium-90 in baby teeth (1991.0392).
- Inga F. Kear in memory of Karl Friedrich Corbach: American Beauty electric tailor's iron used by Mr. Corbach with original box and card (1991.0433); American Beauty electric tailor's iron used by Mr. Corbach (1991.3078).
- Kimberly Kelly: program commemorating the Baltimore Orioles Opening Day of Orioles Park at Camden Yards, 1992 (1992.0166).
- LaVerne Y. and Rufus G. Kelly: rotogravure section of the *Philadelphia Tribune* newspaper dated July 2, 1931 (1989.0214).
- Shirl L. Kempfs: 2 pairs of locking pliers used in watchmaking (1991.0334).
- Kenwood U.S.A. Corporation, Communications and Test Equipment Division (through Joel E. Berger): 3 transceivers with accessories used at amateur radio station NN3SI (1986.3077).
- Jean Keppler: Loring hand sewing machine, Ultra Stitcher with marker in original box, and a Christmas handkerchief made in China during WW II (1991.0673).
- Keuffel and Esser Company: 26 sets of calculating rule components made by Keuffel & Esser (1983.3008).
- Billie Jean King: tennis dress (1992.0122).
- George King: 2-piece dress of knitted ribbon and a notebook of knitting samples, both made by Lee S. King (1990.0165).
- University of London King's College, Department of Physics (through Myles Tempay): 55 pieces of electrical and physical apparatus related to the work of Charles Wheatstone (1990.0539).
- Frank Klapthor: 7 furniture fabric samples (1991.0861).
- Flora Kletzky: woman's housedress made by the Cardinal Cotton Corporation of New York City, 1957-59 (1991.0390).
- Ron Knappen: candlestick-style non-dial telephone, ca. 1916 (1992.0086).
- Prof. Allen Koenigsberg: replicated brass knob for a Scott Phonograph (1990.0351).
- The Bank of Korea, New York Representative Office (through Stella L. M. Cerruti and Han-Keun Yun): 18 Korean coins making up proof sets for 1989-91 (1991.0663).
- Richard E. Kremer: cyanotype of construction on the Boston elevated railway taken March 26, 1900 (1992.0200).
- Charles S. Krockmal: 6 glass light shades (1992.0178).
- Charles S. (Charlie) Lamb: 3 ventriloquist dummies used by Mr. Lamb's father, Fred Lamb (1992.0225).
- E. Gerald Lamboley: 6 letters written by Japanese-American students to their former teacher during internment during WW II (1992.3150).
- Dr. Mildred A. Lamm: 3 Japanese jacquard-woven pictures (1990.0232).
- J. C. Landis: 2 containers of Weedone herbicide, 1940s and 1950s (1992.3077).
- Christian S. LaRoche: Porter's garden telescope and a set of optical components, 1920s (1992.0242).
- Alan Lear: 4 photocopies of coverage of Duke Ellington in the *Melody Maker* and a brochure from the Duke Ellington Tribute Concert Benefit for Cancer Research held June 16, 1987 in London (1990.3193).
- Elizabeth MacKay Leavitt and James K. Leavitt: Sampsel automatic damper control, ca. 1940 (1992.0426).
- Leon's Auto Parts (through Gloria S. Thompson): windshield from a 1956 Ford automobile (1989.3106).

- June W. Leonard: 53 laboratory and field collecting apparatus, charts, notebooks, and educational aids used by the late Dr. Robert M. Leonard, a professor at George Washington University (1991.0689); 39 pieces of laboratory apparatus and glassware, 10 wooden stands, an analytical balance, and a polariscope, all used by Dr. Robert M. Leonard (1991.0691); Lutz pantograph and a F. G. Hunt flexible rule (1991.0694); 2 sets of botanical illustrations, a set of kymograph tracings, a laboratory notebook, thesis notebook, and a photograph, all used by Dr. Robert M. Leonard (1992.0024).
- Robert D. Leonard, Jr.: cast marble dust token good for \$5 in trade at the Chicago Coin Club (1991.0686).
- George Lerner: Mr. Potato Head Funny-Face Kit of 1952 and a Mr. Potato Head Family game of 1984 originally invented by Mr. Lerner in 1949 (1991.0394).
- Emma and Jay Lewis: porcelain pitcher depicting Bret Harte characters made by the Union Porcelain Works, 1870s (1991.0735).
- Jay A. Lewis: hydraulic press demonstration model made by E. S. Ritchie & Sons of Boston, Massachusetts (1992.0084); melodeon made by Abraham Prescott of Concord, New Hampshire, ca. 1836 (1992.0085).
- The Library Corporation (through Robert F. Asleson): Hitachi CD-ROM laser disc drive and 3 compact discs for the LC MARC bibliographic database, ca. 1984 (1991.0185); Hitachi CD-ROM laser disc drive and 4 compact discs for LC MARC ENGLISH (1991.3031).
- Laurita C. Liles: woman's brownish-rose satin crepe robe, 1920-40, and a peach satin silk nightgown, 1930-45 (1992.0182).
- Jennifer P. Locke: desert camouflage jacket with insignia, 1991 (1992.0168).
- Spc. David Lockett: Iraqi-issued Prisoner of War utility uniform shirt and trousers worn by Specialist Lockett, 1991 (1991.0695).
- Walter L. Loftin: 2 phonograph records of railroad advertising for the radio, 1943-44 (1992.3085).
- Richard R. Lombardi: 3 calculating slide rules (1991.0445).
- Annette E. and Edith C. Long: hand stereo viewer and a glass plate stereogram of a church (1992.0212).
- Robert Lowry: lacquer tray picturing the S.S. *United States* (1992.0064); 5 documents concerning the building contract, sea trials, seaworthiness, and christening ceremony of the S.S. *United States* (1992.3051).
- Steven Lubar: Time Secretary clock and desk calendar (1991.0690).
- Luchow's Restaurant: chef's coat, trousers, and cap, and a waiter's jacket (1992.0177).
- Dan Lurie in memory of Earl G. Browell: Graflex Speed Graphic Miniature camera with 20 accessories (1991.0660).
- Charles C. Lusk: set of 18 quilt blocks in varying stages of preparation for a friendship quilt, mid-19th century (1992.0128).
- Mable R. Luszc in memory of Joseph F. Luszc: 33 fonts of lead alloy printing type (1991.0387).
- Jane H. and Robert W. Macauley: opening day pass of 1876, journal of 1881-82, and a patents agreement contract of 1905, all relating to William H. Schofield and the Kansas City, Burlington and Santa Fe Railroad, and a season ticket to the 1939 New York World's Fair issued to Mr. Schofield (1992.0118).
- Isabelle Stanley MacDonald in memory of Samuel R. Stanley: plant stand made by Joseph L. Stanley and a smoking stand made by Samuel R. Stanley, 1989 (1990.0360).
- Roy J. Mackenzie: print of National Line passenger steamships (1992.0378).
- Dr. Douglas R. Mackintosh: premium certificate from the Klondike Big Inch Land Company, Inc. (1990.0487).
- Dr. Jacob R. Marcus: book of New Year's prayers in English, German, and Hebrew, 1866, and an embroidered phylactery bag containing 2 phylacteries, ca. 1900 (1991.0864).
- Marin Numismatics (through Donald H. Kagin): 25 dies for fractional gold California coins, 1853-60 (1991.0870).
- Marks & Clerk (through D. J. Devons): hologram of a Dougald Clerk 2-stroke cycle internal combustion engine (1992.0213).
- James H. Marrinan: silver-finished medal commemorating the 100th anniversary of the Triune Masonic Lodge of Miriam Park, Minnesota in 1991 (1992.0131).
- Mrs. Simonne Martin-De Groof: 2 postage stamps of Belgium (1991.0292).
- Massachusetts Institute of Technology (through Earl Fuller): 5 components of the HP9836 computer system supporting Prof. Gerald Jay Sussman's digital orrery, 1984 (1991.0418).
- Mastervoice, Inc. (through Gus Searcy): Butler-in-a-Box home automation system prototype, production unit, and circuit board, 1983-86 (1991.0079).
- William W. May, Ph.D.: 15 sets of documents and psychological tests used by Prof. Mark A. May during and after WW I (1992.3081).
- Mazda Information Bureau: 6 employee uniform items, 2 hats, 2 *andon* cords, a set of *kan ban* placards, and a pair of safety glasses (1989.0389).
- Carl McConnell: film reel of the strike at the Tennessee Copper Company in Ducktown made by Mr. McConnell, 1938-39 (1991.0796).
- Brad McCuen: 5 photocopies of album covers, 3 audiotape cassettes, a press manual of 1941, RCA vault inventory, 1936-52, and a magazine article manuscript of 1958, all relating to Duke Ellington (1990.3234).
- Elizabeth McCullough: Harlequin harmonica made in Germany, marked "Johan Schunk, Castle Brand" (1991.0828).
- Analetis McFadden: 20 medals, pins, and certificates, a mess spoon, and a quartermaster pennant used by Samuel W. Shaffer during his military career, 1891-1940 (1985.0686).
- Charles F. McGovern: 10 *Popular Science* series books, 5 phonograph records, and 2 phonograph record jackets (1990.3151).

- W. F. McGuinn: Stonebridge folding lantern used by Col. Edward M. Offley during WW I (1991.0444).
- Andrew C. McKay: Gavin Model 503 UHF television converter (1991.0435).
- Catherine F. McNally in honor of Harold R. Fugere: cast iron Doremus-style letter box of 1889 and a Groff fastener (1990.0473).
- Bill Melendez: animation cel with its original watercolor background from the television feature, "It's the Great Pumpkin, Charlie Brown" (1990.0480).
- Susan Meller: feed bag and an apron made of feed bags (1992.0180).
- Pauline A. Melton: burnt wood bowl handmade by Lottie Blessing Jones Melton, 1920s (1992.0374).
- Stephanie Mendenhall: Arab-American *mibma* ladle used to roast coffee over an open fire (1991.0062).
- Anne P. Merrill: 5 cork rings, 3 sets of surgical instruments, a Bausch & Lomb microscope, microscope lamp, and a pair of safety goggles, all used during early research into oral contraceptives (1991.0881); compensating polar planimeter made by Keuffel & Esser with instruction pamphlet (1991.0882).
- Thomas Micro: milkman's uniform of the Sealtest Company consisting of a shirt, pants, belt, jacket, and a cap (1992.0115).
- John and Terena Miguel: Gypsy *Slava* candle of wax and ribbons, 1981 (1991.0301).
- Seymour Milberd: Eastman photograph negative album (1992.0304).
- David D. Miller III: unisex T-shirt which changes color according to body heat or outdoor temperature, 1991 (1992.0062).
- Dr. John D. Miller: 3 calculator snap-on faces co-developed by Dr. Miller (1991.0434).
- Opal V. Miller: 2 school text books marked "White Only," ca. 1930 (1991.0802).
- Rosemary Parisa Miller: depression era bed sheet with patches and mends (1990.0643).
- University of Minnesota, Board of Regents (through Barbara Muesing and Prof. Alfred O. C. Nier): mass spectrograph consisting of an ion source, ion collector, and a vacuum chamber used by Prof. Nier to separate uranium-235 in February 1940 (1990.0446).
- Vernon C. Mitchell: 43 buttons, 9 posters, 6 newspapers, 5 leaflets, 3 bumper stickers, 3 magazines, 2 pamphlets, a flyer, postcard, brochure, press release, program, packet, banner, and a photograph, all related to the modern gay rights movement (1990.0591).
- Wayne Mitchell: child's clip-on necktie of the 1964-65 New York World's Fair (1992.0078).
- MKS Instruments, Inc. (through John J. Sullivan): Baratron Type 77 capacitance manometer consisting of a pressure head and a pressure meter, ca. 1967 (1992.0199).
- Government of the Principality of Monaco, Postes et Telecommunications, Office des Emissions de Timbres-Postes: 26 stamps and a miniature sheet of Monaco (1991.0252).
- Doris W. Monk: 2 Philippine military officer's epaulets and a stripe (1987.0875).
- Mary E. Montgomery: elementary school dog tag issued to Mary E. Potts, ca. 1951 (1992.0173).
- Henry Morris: book, *The Art of Metal Engraving*, by Elizabeth M. Harris, 1991 (1991.0747).
- Edward A. Morrison in honor of Joshua Bradley Morrison and in memory of Edward Bradley Morrison: Dietzgen Commander set of drawing instruments and a template (1991.0811).
- Gertrude C. Morrison: pair of goggles worn by Gertrude Ederle to swim the English Channel on August 6, 1926 and a trophy presented to her by William Randolph Hearst as the Most Popular Athlete of 1926 (1991.0781).
- Lois Morrison: 37 feed bags and a pillow case made from a feed bag (1992.0191).
- Gene Moser: 15 cubic feet of documents relating to amateur journalism and the Kelsey Company, manufacturer of small printing presses, 1873-1927 (1991.3163).
- Alfonso Mosquera Calligros: Peruvian silver medal commemorating the death of Aldo Moro (1991.0749); bronze medal commemorating Columbus' discovery of the New World designed by Armando Pareja of Peru, 1950 (1992.0100).
- Nicola Moss: bronze medal designed by Ms. Moss for the University of Minnesota's College of Architecture and Landscape Architecture, 1991 (1992.0217).
- Betty Jean Mowbray: 38 uniform items, accessories, and insignia from the WW II military careers of Betty Jean Fox, Kingsley O. Mowbray, and Ted F. Mowbray (1989.0197).
- Lt. Col. William B. Mozey, USA (Ret.): pair of U.S. Army olive drab tennis shoes, 1945 (1992.0031).
- Carolyn Murphy: U.S. military mailbag of 1943 (1991.0316).
- Jack Murphy: Albion hand printing press on its original wooden stand, made by Hamilton & Cope of London in 1845 (1991.0833).
- Mrs. John H. Murray: 9 ceramic and 7 pressed glass items of American and English manufacture (1990.0371); woman's dress of 1978 and a purse, 1955-65, with strawberry motifs (1991.0721); 3-piece tea set, 2 pewter plates, 2 aluminum pie pans, 2 cookie cutters, a placemat set, cake/bread pan, tea strainer, teapot pad, patty pan set, clothespins in original box, and a miniature tray (1991.0825); 9 glass items and 2 ceramic items made in America, 3 ceramic items made in Great Britain, and 2 ceramic items made in Italy (1991.0875).
- Ruth E. Myer: 11 psychological tests and related material and an algebra book by Joseph Ray, 1848 (1979.3064).
- Janet V. Myers in memory of Fred N. Vanderwalker: double-necked harp guitar made by the C. F. Martin Company of Nazareth, Pennsylvania, ca. 1905 (1992.0179).
- Dr. Alixa Naff: 2 pastry molds, a table runner, and an Arabic language misal (1989.0274).
- National Black Arts Festival (through A. Michelle Smith): 6 posters, 2 but-

- tons, a T-shirt, visor, banner, and a program from the first National Black Arts Festival of Atlanta, Georgia (1989.0382).
- The National Philatelic Institute (through Lowell J. Myers): reconstructed sheet of 400 Edison Electric Light stamps of 1929 with a signature by Thomas A. Edison (1990.0297).
- NCR Corporation, Peripheral Products Division (through C. J. Dullea): small computer system interface protocol chip developed by NCR and Shugart Associates, 1981-82 (1990.0505).
- R. Stanley Nelson: uniform coat with insignia, breeches, belt, and overseas cap with insignia worn by Cpl. John Nelson during WW I (1991.0378); Ace toy printing press made by the Superior Marking Company of Chicago, Illinois (1991.0800); poster with a wood engraving by Donna Westerman and Scripps College Press, 1991 (1992.0216).
- Nestle Beverage Company (through Susan Isphording): 23 containers for coffee, 6 clothing items, 2 crates, 2 display signs, 2 cups and a saucer, 2 measuring cups, a sealed postal mailer, jigsaw puzzle, painted window, and a thermometer, all related to Hills Brothers Coffee (1991.0180).
- Corinne Schey Netter: white cotton batiste infant's christening gown handmade in 1913 by Mrs. Netter's grandmother and used by the Schey family until 1987 (1992.0075).
- William A. Nevill: container of DDT pesticide (1991.3088).
- New Mexico State University: 47 sets of drawings of the BTL Model 5 computer and a list of drawings of the computer system X-66744 (1983.3018); 8 components of the BTL Model 5 computer (1987.0821).
- New United Motor Manufacturing, Inc. (through Michael Damer and Sharon L. Sarris): *kan ban* card, *andom* board, and a contract book used at an automobile factory in the U.S. set up to work by Japanese techniques (1989.0442).
- New York Numismatic Club (through Albert J. Zaloom): bronze medal designed by Jonathan Swanson commemorating the club's 1,000th meeting in April 1992 (1992.0137).
- Government of New Zealand, New Zealand Post, Philatelic Bureau (through Basil E. Umuroa): 32 stamps of New Zealand (1991.0084).
- Dallas E. Nichols, Jr.: button, "I Gave My Tooth to Science," given to donors during studies to measure strontium-90 in baby teeth (1991.0391).
- Lillian Niemann: 60-year membership pin, 50-year membership card, and a 3-year safe driving pin, all related to Raymond W. Niemann's postal career and membership in the National Association of Letter Carriers (1991.0340).
- Government of Niue, Niue Post Office, Philatelic Bureau: 6 stamps, 3 first day covers, and a souvenir sheet of Niue (1991.0005).
- The Richard Nixon Library and Birthplace (through John H. Taylor): videotape cassette of "Duke Ellington at the White House," 1969 (1991.3017).
- George A. Norton III: lunchbox with thermos illustrating "The Exciting World of Metrics," 1976 (1992.0404).
- Government of Norway, Norwegian Post Stamp Bureau: 4 stamps and 4 first day covers of Norway (1991.0217).
- Noxell Corporation, a Procter & Gamble Company (through Carrol A. Bodie): 12 cubic feet of Cover Girl advertising materials, 1959-90 (1992.3044).
- Sarah Noyes in memory of John Noyes: carpet from the luxury liner *The Queen Mary* (1988.0543).
- Harold J. Nussbaum: 34 Crusader coins (1991.0846).
- Edward L. O'Brien: 44 financial documents pertaining to the purchase of type and printing equipment for Fenton C. Fowler of Boston, Massachusetts (1990.3034).
- Marjorie P. O'Connor in memory of Florence Pierson Jobs: blue and white jacquard double-woven coverlet made by David D. Haring of Bergen County, New Jersey in 1833 (1991.0829).
- The Ohio Historical Society (through Elizabeth R. Martin): 52 boxes of glass plate negatives of Ohio machine tool builder Long and Allstatter Company, 1871-1933 (1991.0108); 33 boxes of glass plate negatives of Ohio machine tool builder Niles, Bement, Pond Company, 1889-1928 (1992.0243); 25 boxes of glass plate negatives of Ohio machine tool builder Hooven, Owens, Rentschler Company, Inc., 1882-1928 (1992.0244); 17 boxes of glass plate negatives of Ohio machine tool builder Bement which operated from the 1860s to 1889 under various names (1992.0245); box of glass plate negatives of Ohio machine tool builder Niles Tool Works, 1871-89 (1992.0246).
- Anne R. Ohlbaum in memory of Judge Stanley N. Ohlbaum: Bristol revolution counter and a check writer (1992.0030).
- Mr. Jonathan A. Oldlittles: admission ticket to the U.S. House of Representatives' centennial commemoration of Chief Justice John Marshall on February 4, 1901 (1991.3106).
- Olin Corporation (through P.F. Inman, Jr.): 4 pattern 1-dollar U.S. coins (1992.0081).
- Craig A. Orr: 6 postcards and 3 photographs of women serving during WW I (1991.3179).
- Lee and Leslie Darrell Oskar: 3 Lee Oskar harmonicas made in Japan by Tombo and an "Oskamonica" keychain (1991.0366).
- Dr. George E. and Leora M. Osler: surgical kit made by George Tiemann & Company of New York for the U.S. Army, 1860s (1991.0858).
- Sandra Ottenberg in memory of Matilda Marcus Newman: violin made by H. Derazey of Mirecourt, France about 1880 (1992.0388).
- Robert G. Owens: 19 volunteer firefighter's artifacts used by Mr. Owens' parents including 5 awards, 3 T-shirts, a 9-piece dress uniform, 4-piece turnout uniform and extra pair of gloves, spanner wrench, coupling, mug, a helmet shield, and a Ladies Auxiliary jacket, cape, patch, and pair of earrings (1991.0857).

- Rudy Padilla: 2 ink-decorated handkerchiefs, 1986 and 1991 (1991.0431).
- Richard M. Palange: SOHIO gas station attendant's uniform consisting of a jacket, pants, and a patch (1992.0156).
- Edward W. Pasley: framed set of 49 U.S. Navy patches used on nuclear fleet ballistic missile submarines (1991.0739).
- Mrs. Jefferson Patterson: 12 pieces of clothing worn by members of the Patterson family from the 1920s to the 1980s, 2 lists with samples for clothing being ordered in the 1920s, and a bill for clothing ordered for the London season in 1926 (1991.0398); 2 evening dresses, a gold leather evening bag, pair of gold leather shoes, pair of shoe stretchers, and a photograph of a painting of Mrs. Patterson wearing one of the dresses, 1970-84 (1992.0052).
- Susan Percy: 6 proof prints and 2 linoleum printing plates used to make the print *The Golden Past*, 1986 (1992.0214).
- Sidney A. Peerless, M.D.: 67 Roman Imperial bronze and copper coins of the 3rd to 4th centuries A.D. (1991.0751); 445 ancient silver Greek coins, 6th to 2nd centuries B.C. (1991.0830).
- Pennsylvania College of Optometry, Albert Fitch Memorial Library (through Thomas L. Lewis): Nachet microscope (1991.0682).
- Government of Penrhyn Island, Penrhyn Post Office: 8 stamps, 2 first day covers, and a souvenir sheet of Penrhyn Island (1991.0004).
- Clifford W. Perrine: 2 mail straps used by Mr. Perrine on his rural mail route, 1940s-70s (1991.0668).
- Philip Morris International (through Elizabeth Butson): 10 videotape cassettes of Marlboro cigarette international advertising (1989.3100).
- Lloyd M. Pierson: 3 Ku Klux Klan posters and a paper arm band found in Virginia, 1965-66 (1991.0817).
- H. Richard Piet in memory of Harry R. Piet, Jr.: 19th-century ladies combination sewing table, writing table, and piano (1992.0192).
- Playboy Enterprises, Inc. (through Robyn L. Radomski): 10-piece Playboy Bunny cocktail waitress uniform, a Bunny of the Year trophy, and a Bunny rules manual (1990.0180).
- Gloria Pocobello: accordion and case made by Mrs. Pocobello's father, Dan Boudini, about 1918 and used in his vaudeville act (1991.0684).
- Rev. Gerry Pocock: program from the "Concert of Sacred Music" held April 29, 1990 at Grace Cathedral in San Francisco, California (1990.3189).
- Poison Prevention Week Council (through Ken Giles): 51 posters reflecting 25 years of effort to prevent childhood poisonings, 1962-86 (1986.3113).
- George J. Poris: 4.11 cubic feet of business files, videoscripts, and proof-sheets, all related to Noxell Corporation's Cover Girl and other product advertising, 1953-78 (1990.3087).
- Porta-Nails, Inc. (through Jerry D. Coleman): Ring Master lathe with 3 wrenches (1991.0295).
- Jean O. Porter: 17 U.S. Marine Corps uniform items and souvenirs from Pvt. Oliver O. Osterwise's duty in the Philippines, 1900-5 (1990.0168).
- Herman T. and Phenie R. Pott Foundation (through John P. Fechter): towboat pilot house structure from the *Herman T. Pott* (1985.3036).
- Pratt-Read Corporation (through H. B. Woody Comstock): 8 cubic feet of archival material documenting the ivory-working and piano keyboard-making firm of Pratt, Read & Company, 1863-1968 (1992.3146); 2 stock certificate books and a general ledger of the piano-making firm of Sohmer & Company, 1940-83 (1992.3147).
- Prince George's County Public Schools (through Estelle I. Gardiner): 2 school desk and chair combinations (1990.0382).
- Prince George's General Hospital (through Robert J. Brady and Arthur Kaufman, M.D.): 11 bottles of dextrose 5% and 5 bottles of dextrose 5% with electrolyte #75 solutions (1992.3139).
- Kim Quilles: woman's down feather-filled winter coat, 1984 (1991.0311).
- David Rabinow: 2 electric Victor adding machines (1991.0791).
- Evan Ragland: prototype daisy wheel printer and 3 daisy wheel element sets (1991.0412).
- June D. Raisbeck: 2-piece apricot organ-dy graduation dress and an invitation, program, Honor Society certificate, and diploma of Broadway High School in Seattle, Washington, earned by Mrs. Raisbeck in 1932 (1991.0775).
- Ken Rattenbury: 4 audiotape cassettes of interviews and performances by Duke Ellington, a music transcription, and Mr. Rattenbury's Master's thesis about Duke Ellington, 1984 (1991.3160).
- Marion Lacey Rau (through James V. Schwent): 28 examples of Wedgwood jasperware of the Henry Rau Collection made in Staffordshire, England, between 1780 and 1875 (1991.0692).
- Nancy Reagan: woman's 2-piece red boucle suit designed by Adolfo (1992.0069).
- Reddy Communications, Inc. (through Ashton B. Collins, Jr.): 14 objects depicting the Reddy Kilowatt logo including 12 souvenir products, a pipe cleaner caricature of about 1929, and a bronze sculpture by Michael Lantz, 1947 (1991.0776).
- Thorburn Reid: lighthouse shelf clock made by Simon Willard of Roxbury, Massachusetts, ca. 1825 (1991.0040).
- Nathan Reingold: Remington Remette portable typewriter, ca. 1943 (1991.0696).
- Resources Capital Management Corporation in honor of Public Service Electric and Gas of New Jersey (through Eileen A. Moran): pair of 19th-century factory gates from the Dobson Mill of Philadelphia, Pennsylvania (1991.0731).
- Allene and Roger W. Reynolds: set of dentures, silver medal, daguerreotype, certificate, and a preamble/resolution, all related to the careers of Dr. William Beall Morrison and Dr. James Beall Morrison, 19th century (1991.0723); 10 letters

- received by Dr. James Beall Morrison, 1869-73 (1992.3148).
- Allie P. Reynolds: New York Yankees baseball uniform jersey, socks, and cap, worn by Mr. Reynolds in 1954 (1992.0256).
- Mary A. Rhoads: Kevlar helmet with desert camouflage cover worn by Reservist Rhoads in Saudi Arabia, 1991 (1991.0557).
- Dr. Oscar W. Richards: 24 mathematical documents, 4 calculating rules, 4 mathematical tables, and a trigonographic computing device (1979.3074).
- John H. Rick: wind meter made by F. W. Dwyer Manufacturing Company of Michican City, Indiana (1992.0372).
- Ralph Rinzler: 2 straight-back oak chairs with woven seats made by Willie Lee Nabors of Mississippi in 1974 (1989.0314).
- S. Dillon Ripley: presentation medal given to J. Dwight Ripley from the contractors of the NYL & W Railway (1983.0513).
- Edwin K. Robinson: Italian handmade sheet of paper with "Amalfi" watermark (1991.0420); wooden kitchen bowl, late 19th to early 20th century (1992.0274).
- Franklin A. Robinson, Jr.: 2 pairs of man's trousers and a pair of overalls, 2 woman's dresses, and an infant's bracelet (1991.0722).
- Mary Helen Robinson: Dvorak keyboard Royal typewriter of the 1930s (1989.0619).
- Francis D. Roche: orange rubber ball, ping-pong ball, and a pair of hiking socks (1992.0087).
- Joan G. Rogers in memory of Allan Gerdau: photograph album, photograph of large elephant tusk, booklet, and a letter, all related to Otto Gerdau's ivory processing firm in the 19th century (1991.3164).
- Barbara B. Rose, M.D.: oil painting of Jane Findlay Irwin Harrison, daughter-in-law of President William Henry Harrison, 1840s (1992.0332).
- Edward S. Rosenthal: leather football (1992.0123).
- Jack Rosenthal: framed panel of die impressions of U.S. postage stamps issued 1847-94 (1991.0371).
- Richard M. Rosenthal: 2 baseball caps (1992.0124).
- Mildred Rubin: collodion microphotograph on a glass microscope slide by J. B. Dancer, ca. 1853 (1992.0266).
- Mr. and Mrs. Robert M. Rubin made possible in part by a gift to the Smithsonian from Frederick H. Gibbs in memory of William F. Gibbs: Miller 91 #18 front-wheel drive racing car designed by Harry A. Miller and driven by Ralph Hepburn in the 1929 Indianapolis 500 (1991.0889).
- Katherine E. Rude: woman's 3-piece bustle style dress, 1873-75 (1991.0369).
- Joyce Rudick: woman's wedding dress of white silk lace over tulle and taffeta made by Christian Dior in Paris, France, June 1956 (1992.0205).
- Sylvia Sacks: 2 girl's skirts, a pinafore, and a dress, all made from feed sack material (1991.0681).
- Saints Peter and Paul Congregation in memory of Miss Amanda S. Draye (through Rev. Earl J. Schuh): Gorham silver tray and bowl given to Miss Draye in honor of her years of service to Marshall Field & Company, 1950 and 1960 (1992.0294).
- Sheila A. Sanders: 4 ointment mixing, tube filling, and crimping machines, and 2 boxes of tubes (1991.0777).
- John O. Sands: 3 wooden printing blocks from the Savage Textile Mill of Savage, Maryland (1992.0008).
- Mary Jo Satterthwaite: silver mesh purse, plastic decorative comb, imitation ivory plastic necklace, and a pair of Chicago World's Fair souvenir earrings, 1920s-30s (1991.0300).
- Carl A. Scheele: house mailbox (1992.0158).
- Harry Scheele: SOHIO gas station attendant's cap (1992.0157).
- Joanne B. Scheele: 4 cookbooks (1992.0159).
- David Schiffer: 5 print progressives for a science fiction print (1992.0363).
- Robert Schlachter: Ashcroft Coffin averager with layout board and 7 calibrated wooden scales, ca. 1910 (1991.0885).
- Mrs. C. B. Schmeltzer in memory of C. B. Schmeltzer: 27 books on mathematical subjects (1986.3110).
- Dr. David Schmidling: .3 cubic foot of manuscripts, reprints, and photographs, once used by astronomer Lewis M. Rutherford from 1846 to 1884 (1991.3173).
- Bonnie M. and Mike Schmitt: WW I U.S. Army cobbler's kit (1990.0385).
- Charles F. Schneider, Jr.: sheet metal sign advertising the Colt gas generating plant, ca. 1920 (1992.0362).
- Marilyn Schneider: pair of Willson Service goggles and the original case, ca. 1918 (1992.0083).
- Charles M. Schulz: Speedball pen, pencil, and a brush used by Mr. Schulz to draw "Peanuts" cartoons, a penciled draft cartoon, and a finished cartoon (1990.0368).
- Holli Alexander Schwartz: 2 art medals designed by Ms. Schwartz titled *Connie's Piece* and *Ronnie's Recline*, 1990 and 1991 (1992.0092).
- SCM Corporation, SCM Business Equipment, Research & Engineering Patent Department (through Armand G. Guibert): 175 corporate and legal documents, articles, service and repair manuals, and corporate seals of the Marchant Calculating Machine Company and Smith Corona Marchant (1979.3084).
- Michael J. Seago: crew uniform shirt and trousers and a program from the 1989 Miss Budweiser Hydroplane Championship and an Indianapolis 500 Champion shirt worn by Rick Mears in 1988 (1991.0745).
- Mrs. Milo B. Shaffer: 3 puttees, 3 handkerchiefs, 2 shirts, 2 coats, a pair of breeches, pair of pistol grips, sleeping bag liner, identification tag set, hat, and a Medical Corps insignia, WW I (1977.0468).
- Arthur L. Shearer: 2 cubic feet of documents relating to 4 pottery companys which operated in New Jersey, 1890s-1950s (1991.3165).
- Frank E. Shumard: championship belt awarded to Earl Tracy for the 1879 State of Maryland-District of Columbia Walk Races (1992.0041).

- Robert E. Sieling in memory of Valeska Kuschke Sieling: 2 pieces of trade literature for agricultural machines (1991.3070).
- Caroline Thompson Simmons: statue of a saint, 1690-1750, and a retablo panel of San Antonio with the Infant Jesus made by Louise Morris in 1932 (1991.0341).
- Olive V. Sinclair (through O. R. Alenonda): framed photograph of a young boy, ca. 1863 (1986.0796).
- Rev. E. D. Smallwood: 19 pieces of gospel sheet music and a scrapbook of gospel music of the 1930s and 1940s (1992.3155).
- Hugh L. Smiley: postal money order stamper used in Lawrence, Kansas, in the late 1800s (1992.2032).
- Connie S. Smith in memory of Seymour Smith: oil can, varnish can, gasoline tank cap, combination wrench, set of spark plugs, and a set of tire valve stem covers, all taken off a 1921 Model T Ford (1990.0623).
- Smoke-Trapper Inc. (through Jeannette V. Orel): Smoke-Trapper ashtray invented by Ms. Orel about 1975 (1988.0727).
- The Society of Medalists (through Robert Veitch): bronze medal titled *Creation* designed by Marcel Jovine, 1990 (1991.0750).
- South of the Border (through Ray Schafer): plaster statue of advertising figure "Pedro" (1985.3162).
- Victoria Spencer and Art Michael Staats: 3 cubic feet of archival material relating to New York City's Local 791 of the International Longshoremen's Association, 1910-78 (1991.3177); 42 documents and memorabilia and a model scab wagon related to the International Longshoremen's Association Local 791 (1992.0048).
- Elmer A. Sperry, III: brass gyroscope model built by Elmer A. Sperry about 1909 (1992.0038).
- Harvey G., Lawrence R., and Norman Stack: 39 engraving tools used by Charles E. Barber and 2 plaster models of the San Domingo *peso* (1991.0803).
- Stack's (through Harvey G. Stack): Lt. Col. William Washington bronzed copper medal and a Maj. John Stewart lead splasher medal, both 1789 (1991.0759); (through Harvey G., Lawrence R., and Norman Stack): 2 badges with medals attached, one from the 1940 American Numismatic Association Convention, and the other from the 1947 convention (1991.0831); set of documents relating to Charles Barber's career as chief engraver for the U.S. Mint in Philadelphia, 1880-1917 (1991.0876).
- Anthony Stamatelos: web belt and a necktie, WW II (1992.0108).
- Staples and Charles: poster of land available in Missouri (1992.0322).
- Stapleton Foundation of Latin American Colonial Art (through Randolph W. Renchard): 79 Ecuadorian historical and artistic objects of the 17th-19th centuries including 44 pieces of silver and jewelry, 28 sculpted figures, 5 paintings, a large candlestick, and a side chair (1988.0616).
- Sally Steinberg: 1 cubic foot of archival materials relating to the history of donuts in American culture, 1920-87 (1991.3175).
- Henry Z. Steinway: .33 cubic foot of documents of Pratt-Read Corporation and various subsidiaries on whose boards Mr. Steinway served, 1971-86 (1992.3156).
- Mrs. Robert B. Stephens: 19th-century scarf with a woven eagle and shield motifs (1990.0644); 3 quilts, a piece of copperplate-printed cotton, a block-printed kerchief, piece of quilted petticoat, and a fragment of Indian embroidery, late 18th to 19th centuries (1991.0228); 18th-century copperplate-printed counterpane, appliqued quilt made about 1830, advertising banner of 1885-90, and a quilt made in 1890 (1991.0358).
- Anna M. P. Stern: 8 pieces of majolica dishes made by Chesapeake Pottery of Baltimore, Maryland, 1882-87, and 2 majolica tiles made by George Morley & Sons of East Liverpool, Ohio, 1884-91 (1991.0206).
- Marion Stevenson: 2 audiotape reels of the Duke Ellington 75th Birthday Tribute by Daddy-O Daylie on radio station WJPC, Chicago, Illinois, on April 28, 1974 (1990.3184).
- Diane M. and Robert E. Stewart: Gul Micro Scan radar detector (1991.0812).
- C. Stoler & Co., Inc. (through James E. Eller): Jewish child-sized casket with excelsior bedding, 1991 (1991.0559).
- Gerald E. Stone, M.D. and Lois Greene Stone: medical tax stamp (1991.0432); Vim-Silverman 3-piece biopsy needle (1991.0552); woman's white and navy spectator-style leather purse, 1955 (1991.0799).
- Lois Greene Stone: 4 sets of dress sketches, 2 lots of costume design course papers, and an applique pattern, all made by Mrs. Stone, 1948-89 (1991.0339).
- Robert H. Strother, Jr. and Second Christian Church (through Rev. Dr. Rose Ann R. Duckett): 4 photographs of President John F. Kennedy and his family (1991.3044).
- S. R. Sturtevant: Lallemand type velocipede, ca. 1866 (1986.0194).
- Mrs. Subhi: red felt fez hat and a small brass coffee maker (1990.0353).
- Prof. Gerald Jay Sussman: computer-driven digital orrery, with 8 parts and documents, used to compute the orbit of Pluto for the next 845 million years, 1984 (1991.0429).
- Government of Sweden, PFA Swedish Stamps (through Sirkka Lehtinen): 325 stamps, 30 first day covers, 24 maximum cards, and a souvenir folder of Sweden and 23 stamps of Australia, Great Britain, the United Nations, and the U.S. (1990.0424).
- Emily B. Syz (through John D. and Stephen B. Syz): 25 pieces of hard paste porcelain made in Meissen, Germany in the 18th century (1992.0427).
- Louis Szalay: 2 cubic feet of archival material consisting of 36 advertising comprehensives and 32 art director's rough layouts, 1965-67 (1991.3060).
- Alejandro Sztrenfeld: 3 newspaper clippings regarding Duke Ellington's tour of South America and a photograph of Duke Ellington ca. 1968 (1990.3219).
- Arthur A. Tancrede: 2 pairs of goggles, 2 helmets, a pair of gloves, and a Harley-Davidson jersey, all used by Mr.

- Tancrede when motorcycle racing in the 1920s (1987.0746).
- Lonn W. Taylor: 16 souvenir objects bearing the image of Our Lady of Guadalupe, 1989 (1990.0361).
- Margaret Cudahy Thomas: Civil War era presidential platform card of McClellan and an admission ticket to the 1900 Republican National Convention (1991.0744).
- Capt. James Waldie Thomson, USN (Ret.): Red Top phonograph needle sharpener (1990.0335).
- Robert L. Thornton, Jr.: 6 leaflets, a pamphlet, and a poster, related to the Persian Gulf War (1992.0054).
- Marilee Tillstrom: 4 cards of buttons, a card of hairpins, hem marker, hair rinse, and a lipstick, 1930-65 (1990.0144).
- Emma Boone Todd (through Richard E. Lovett): bust of Abraham Lincoln coin bank given to customers of the Dixon National Bank of Dixon, Illinois, 1930s-50s (1991.0416).
- Anne Holloway Torbert in memory of Mary E. Cassel Holloway: embroidered and painted silk picture made by Elizabeth T. Cassel of Marietta, Pennsylvania, in 1815 (1991.0841).
- Robert T. Trefethen: Oliver No. 3 typewriter instruction book (1991.3014).
- Triune Masonic Lodge #190 (through James H. Marrinan): bronze medal commemorating the centennial of the lodge (1991.0699).
- Eleanor B. Troy: 8 pieces of documentation related to the IBM 650 computer, ca. 1960 (1992.3028).
- Turkish Republic of Northern Cyprus, Directorate of the Department of Posts (through Aysel N. Erduran): 8 stamps and 7 first day covers of the Turkish Federated State of Cyprus (1991.0032).
- Joanne C. and Mort Turner: set of 4,040 road maps (1991.3050).
- Twentieth Century Fox (through Robert B. Morin): 22 pieces of military equipment and uniform items used on the television program "M*A*S*H" (1985.0335).
- H. R. Udkoff: .3035 cubic foot of archival material including papers, 6 audiotape cassettes, and a piece of artwork, all related to Duke Ellington (1991.3154); 47 photographs and 10 documents relating to Duke Ellington, 1960s (1992.3089).
- United Media (through Nancy Nicolelis): book, *The Gospel According to Peanuts* (1990.3108).
- U.S. Department of Commerce, Bureau of the Census, Regional Census Center (through William F. Adams): billboard made by students at Pojoaque High School, New Mexico, titled "Answer the Census, Everyone Counts," 1990 (1992.0003); National Institute of Standards and Technology (through Thomas Wheatley): Erica experimental robot arm, 1976, with servo system, aluminum block, and rack of equipment (1989.0471); Radiometric Physics Division (through Chris Cromer): 31 incandescent lamps, a G.E. volt-ammeter, and a Photrix Universal photometer, 1900-60s (1992.0342).
- U.S. Department of Defense, Department of the Army, Center of Military History: 11 items comprising a reproduction 18th-century Spanish military uniform including a musket (1985.3038); Commander of Fort Sheridan: 5 rifles and 3 pistols (1986.0058); First Corps Command Association: 2 helmets, 2 canteens with covers, 2 mess kits, 2 pairs of insignia, a pair of trousers, and a shirt, all issued to soldiers in Cuba and captured during U.S. military operations on the Island of Grenada in 1984 (1985.0073); The Institute of Heraldry, Heraldic Services and Support Division (through Gerald T. Luchino): 157 pieces of distinctive unit insignia, shoulder sleeve insignia, and badges (1990.0212); U.S. Army flag with 37 campaign streamers (1991.3079); (through Gerald T. Luchino and Thomas B. Proffitt): 57 pieces of distinctive unit and shoulder sleeve insignia (1991.0144); (through Thomas B. Proffitt): 12 distinctive unit insignia, 8 shoulder sleeve insignia, and a Southwest Asia service medal set (1992.0027); Department of the Navy, Naval Air Test Facility, Active Sonar Development Branch (through Malcolm J. Dickinson): 2 sonobuoys of WW II and the Korean War eras (1984.0144); International Security Affairs, Near Eastern and South Asian Affairs (through Edward L. Tixier): 42 military small arms seized by the Israeli Defense Force during Operation Peace in Galilee in 1982 (1990.0512); (through Maj. Gen. R. V. Secord): 18 military small arms seized by the Israeli Defense Force during Operation Peace in Galilee in 1982 (1990.0514); machine gun seized by the Israeli Defense Force during Operation Peace in Galilee in 1982 (1990.0516).
- U.S. Department of Health and Human Services, National Institutes of Health, Surplus Warehouse, Property Utilization Section: 2 international centrifuges, a Spencer microtome, Fisher isotemp oven, Buchler polysaltic pump, LKB 2117 multiphor, and a PHD cell harvester (1991.0230); Public Health Service, Food and Drug Administration (through Suzanne White): Rivixil hair treatment shampoo and a Dalkon Shield intrauterine device (1989.0162).
- U.S. Department of the Interior, Fish and Wildlife Service (through Norma Opgrand): imperforate sheet of 120 1989-90 Migratory Bird Hunting and Conservation stamps (1989.0377); sheet of 120 1990-91 Migratory Bird Hunting and Conservation stamps (1990.0416); models of face and back of the 1991-92 Migratory Bird Hunting and Conservation stamps (1991.0088); sheet of 120 1991-92 Migratory Bird Hunting and Conservation stamps (1991.0680).
- U.S. Department of Justice, Immigration and Naturalization Service (through Richard E. Calvert): alien registration receipt card (1992.0147).
- U.S. Department of the Treasury, Bureau of Engraving and Printing: 5 framed stamp displays (1991.0177).
- U.S. Legislative Branch, Library of Congress, Order Division, African and Middle Eastern Acquisitions Section (through Valerie S. Mwalilino): 2 Liberian \$5 notes, 1989 and 1991 (1992.0097).

- U.S. Postal Service (through Megaera Harris): 2 precancel stamping devices and a box, a 100-pound postal scale and weight attachment, and a stamp pad, all previously used at the Mount Rainier, Maryland, Post Office (1992.0203); 2 Sea Post Office badges and 2 Sea Post Office identity card folders (1992.0205); (through Rita L. Moroney): rotary lock used for registered mail salvaged from the U.S.S. *Oglalo* which was destroyed at Pearl Harbor on December 7, 1941 (1991.0067); U.S. Mail street letter-box, 1952 (1991.0068); General Post Office of New Haven, Connecticut, Stamp Distribution Office (through D. A. D'Andrea): 13 rubber hand stamps and 6 dies used to precancel postage stamps (1990.0300); Inspection Service (through Charles R. Clauson): detonator used by the De-Autremont Brothers during a railway mail robbery in 1923 (1991.0025); (through Fred I. Rosenberg): 3 objects related to mail fraud including 2 forged holographic poems by Robert Frost and a Wanted poster for Guiseppe Baldanucci for possession of stolen mail (1992.0231); International Postal Affairs Department (through Thomas E. Leavey): 27 stamps and 3 souvenir sheets of South Africa (1990.0638); International Services Branch (through Juan B. Ianni): 1,425 stamps, 12 souvenir sheets, and 4 miniature sheets of the People's Republic of China, and 12 stamps of South Africa (1989.0016); Philatelic and Retail Services Department (through Gordon C. Morison): 1,086 stamps, 31 first day covers, 20 postal cards, 15 souvenir programs, 9 souvenir folders, 9 official stamped envelopes, and 2 aerogrammes of the U.S. (1991.0014); 24 commemorative panels of the U.S. (1991.0216); Vienna, Virginia Post Office (through Michael S. Furey): 9 postal register books, 2 hand cancellers, and a hand stamp, all used in post offices in Virginia, 1887-1971 (1990.0639).
- U.S. Veterans Administration, National Cemetery System, Office of Memorial Programs (through Patrick J. Gartland): cross-shaped government grave marker for James Atkinson who died September 26, 1918 (1992.3111).
- Unknown: T-shirt, "Southeastern Conference XIV for Lesbian and Gay Men Dallas Texas 1989" (1991.0246).
- Jean Upton: 2 pairs of pants, a shirt, dickey, and a bathrobe worn by Loretta Switt in the television series "M*A*S*H" (1992.0174).
- Jerry Valburn: program from an Ellington Orchestra concert in Japan conducted by Mercer Ellington, 1976 (1990.3223).
- Valencia County Cultural Program (through Tibo J. Chavez): flag commemorating the 250th anniversary of the founding of Valencia County, New Mexico, in 1991 (1991.0834).
- William Van der Linden: model of a Curtiss JN-4H airmail airplane (1989.3018).
- Charles E. Van Gilder: drafting tool used to lay out pipe curves patented by Wayne C. Van Gilder in 1911 (1991.0679).
- Varian Research Center (through Reza Majidi-Ahy): set of monolithic microwave integrated circuits (1991.0272).
- VH Sign Company (through Jeffrey L. Zabriskie): replica stanchion from which to hang a gargoyle Mobiloil sign (1988.3087).
- Victor Comptometer Corporation (through V. S. Johnston): Mercedes-Euklid calculating machine (305775).
- Robert M. Vogel: 2 tongue depressors, a portable wall plate, and an advertising card for Aero sanitary paper cups (1992.0207).
- Caio Vono: 2 books, 2 phonograph records, 2 decals, a brochure, and an audiotape cassette related to jazz music and the Traditional Jazz Band (1990.3218).
- R. Mark Wagner: Folmer Graflex K-20 aerial camera, ca. 1942 (1992.0010).
- Mrs. Ann Wallace in memory of Verona Suchon Ulicne Regula: Czechoslovakian black wool shawl with a blue pattern brought to the U.S. by Mrs. Regula in 1913 (1990.0266).
- Henry H. Ware: porcelain pitcher with high relief-molded Gypsy motif, 1850-99 (1991.0732).
- The Washington Area Printmakers (through Constance P. Grace and Lindsay H. Makepeace): 12 prints used in the 1992 Original Print Calendar and 3 associated prints (1991.0783).
- C. Malcolm and Joan Pearson Watkins: 11 examples of glassware and a porcelain pitcher, 19th century (1992.0070).
- Wayne State University, College of Liberal Arts, Computation Laboratory (through Arvid W. Jacobson): 89 components from Vannevar Bush's differential analyzer (1983.3002).
- WCI Major Appliance Group (through Dale A. Miller): Tappan Model RL-1 microwave oven of 1955 with 2 extra Hitachi magnetrons (1991.0727).
- Wedge Innovations (through Paul W. Spring): 2 Smartlevel digital inclinometers (1991.0823).
- James B. Weist: 2 cancellers used by clerks of the Railway and Highway Post Offices (1991.0767).
- Arthur Weithas: 5 mounted proofsheets, 4 transparencies, 3 videoscripts, and 3 mechanicals relating to the Noxell Corporation's Cover Girl cosmetic advertisements (1990.3086).
- Leroy W. Welle: matchbook, "Strike 'Em Dead/Remember Pearl Harbor" (1992.0026).
- A. M. Wellens: patent model for a telescoping brow for ship gangplanks, model built in 1948 for patent which was granted August 27, 1957, to Alexander M. Wellens (1991.0555).
- Ellen D. Wells: 6 cubic feet of cookbook pamphlets published by manufacturers of food ingredients and appliances (1990.3236).
- Junior Wells: 2 harmonicas used by Mr. Wells (1991.0294).
- Mary Jane Welsh: 2 tablecloths and a photograph album (1992.0148).
- Mary Jane and Robert W. Welsh: patchwork quilt (1992.0149); 2 woman's dresses, a nightgown, pair of shoes, pair of shoe forms, curtain, cake tin, and a door handle plate (1992.0150).
- E. Bud Wertheim: bronze self-portrait medal used by Mr. Wertheim as a business card (1992.0336).

Wesleyan University, Department of Physics, (through Prof. Ralph Baierlein): 3 galvanometers, an electrostatic machine, electromagnetic machine, electroscope, induction coil, battery, dynamo, oscillograph, and an early x-ray tube (1989.0029).

West Virginia University, College of Arts and Sciences, Department of Biology (through Ramsey H. Frist): Spino Model E ultracentrifuge with parts and manuals, ca. 1948, and a Spino Model H electrophoresis-diffusion instrument with manual, 1958 (1991.0797).

Helen M. Wheeler: 823 models representing solid geometric shapes built by Prof. A. Harry Wheeler (304723).

Marion Whiting (through Moses Williams): 278 war medals and decorations from around the world (1990.0265).

Wilbraham and Monson Academy (through Francis M. Casey): 5-star parade flag used by General of the Army Dwight D. Eisenhower (1987.0445).

Patricia Willard: November 1988 issue of *L.A. Style* magazine containing an article about Duke Ellington by Ms. Willard (1990.3190).

J. Henry Wills: copy of the amateur newspaper *The Stylus* printed in Philadelphia in March 1895 (1992.0215).

Sule Greg C. Wilson: 6 sports posters, a portfolio, and a rain check (1992.0165).

Gretchen Leah Witt: 11 pieces of infant's clothing and 4 pieces of woman's maternity clothing, 1989-91 (1992.0183).

Prof. Edward D. Wolf: shadow box illustrating the biolistic gene transfer process (1992.0023).

James E. Wolford: automatically programmed television/radio receiver (1991.0389).

Women's International Bowling Congress (through Karen L. Sytsino): 75th anniversary history book and bowling ball (1992.0167).

Wood & Brooks Company in memory of Mr. and Mrs. Charles W. Wood, Jr. (through Elizabeth Wood Crane): 1 cubic foot of archival material relating to piano-making and ivory-work-

ing firms and miscellaneous trade literature (1992.3163).

Cornelius C. Wood: man's Harris tweed wool coat, 1938-39 (1991.0310).

Gerald A. Wright: 7 buttons, 5 posters, a VisiCorp sales kit, "Verbatim" matchbook, "Microchess" computer game and manual, and a "Processor Technology" T-shirt (1990.0407).

Helena E. Wright: 126 Roman Catholic prayer cards, medals, prayer books, devotional materials, and amulets (1990.0181); 2 religious lithographic prints (1991.0058); chromolithograph titled *Sunset* by L. Prang, 1868-69 (1992.0279).

Helena Gray Wright: 2 pairs of woman's sanitary protectors and an original box (1991.0074).

WurlTech Industries, Inc. (through Sidney C. Weiss): 16 cubic feet of archival records relating to the American piano manufacturing firm of Chickering & Sons, 1823-1985 (1991.3144).

Yale University, Department of Astronomy (through Dorrit Hoffleit and Augustus Oemler, Jr.): 9-sheet set of the photographic map of the normal solar spectrum made by Prof. H. A. Rowland in 1880 and a set of 13 photographs of astronomers, 1897-1946 (1991.0810).

Jane Griffin Yeingst and William H. Yeingst: Sperry-Remington lady's electric shaver with accessories (1991.0275); pair of roller skates with metal case and a pair of socks (1991.0678); 2 fly swatters, a shoehorn, and a pair of shrimp pliers (1992.0209); plastic fly swatter (1992.3114).

William H. Yeingst: Willkie campaign card (1991.0326); 4 school yearbooks (1992.0186).

Donald W. Zimmerman: can of U.S. Army C-B unit field rations (1992.0220).

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Mr. Ray Dewey. One Santa Fe Pendleton blanket and one "Chihuahua Trail" style Pendleton blanket, both designed by Hopi artist Ramona Sakiestewa.
Ms. Maxine H. Eberi. One Plains pipe dating from the 1880s.
Mr. Gregory M. Gaudio. One carved wood mask and one carved wooden bird figure, Northwest Coast Ethnology.
Mr. Robert Houlihan. Two bronze sculptures by a Hopi artist.
Ms. Elizabeth Buell Kennedy. One copper arrowhead, five flaked stone point fragments, two flaked stone arrow points, three chipped stone fragments, and one cut stone point from Central Wyoming.
Dr. Emile Libresco. One Salish basket and cover.
Ms. Julia Parker. One woven vegetal fiber bag and one bone tool.
Ms. Gloria Ross. One pair of woven half leggings, Navajo.
Ms. Shelly Ross. "Portrait of Russell Means," Andy Warhol, acrylic on canvas, 1977.
Rev. Immanuel Trujillo. One tile mural, one mortar jar and lid, two sacrament jars with lids, one peyote jar, two paintings, one ceramic jar, three ceramic frog pipes, two Peyote jugs, and two peyote urns with covers.
Ms. Rachel Wasserman. One Hopi ring.

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Paul E. Biegel. *Major General Anthony C. McAuliffe*, c.1946, oil on canvas, by Jes Wilhelm Schlaikjer (NPG.91.97).

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- Paul E. Biegel. *Edward Stettinius*, unknown, oil on canvas, by Jes Wilhelm Schlaikjer (NPG.91.99).
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- David E. Dykaar. *Eugene Debs*, 1922, marble bust, by Moses W. Dykaar. (NPG.92.14).
- Theodore Hampson. *Walter Camp*, late 1960s, oil on canvas, by Albert W. Hampson (NPG.91.15).
- Mrs. Joseph Hirshhorn. *Joseph Hirshhorn*, after 1965, oil on canvas, by Raphael Soyer. (NPG.91.198).
- Everett Raymond Kinstler. *Joseph Ball*, 1958, oil on canvas, by Everett Raymond Kinstler (S/NPG.92.82).
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- Everett Raymond Kinstler. *Gregory Peck*, 1991, oil on canvas, by Everett Raymond Kinstler (T/NPG.91.111).
- Everett Raymond Kinstler. *Alan Shepard*, 1965, oil on canvas, by Everett Raymond Kinstler (T/NPG.92.84).
- Dora F. Lee. *Charles Lang Freer*, 1971, bronze, by Dora F. Lee (NPG.92.2).
- Mimi Muray and Chris Muray. *Nikolas Muray*, unknown, oil on canvas, by Marion Greenwood (NPG.91.197).
- Essie Pinsker. *Leopold Stokowski*, 1963, bronze bust, by Essie Pinsker (NPG.91.124).
- Dragan Radenovic. *Willard Quine*, 1989, bronze bust, by Dragan Radenovic (T/NPG.91.91).
- John L. Sanders and Ann B. Sanders in honor of William McWhorter Cochrane. *Edward Everett*, 1859, plaster bas relief, by Thomas Ball (NPG.92.15).
- Sayre Sheldon. *Leontyne Price*, 1963, oil on canvas, by Bradley S. Phillips (T/NPG.91.96).
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- Dorothy Porter Wesley. *Dorothy Porter*, 1952, oil on canvas, by James Porter (T/NPG.92.32).
- Dorothy Porter Wesley. *James Porter*, unknown, oil on canvas, by James Porter (NPG.92.31).

Donative Sales

- Museum Purchase and Gift of Mrs. Lucia Howe Snow. *Solomon White Roberts*, 1835, oil on canvas, by Manuel de Franca (NPG.92.101).
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Donors to the Collection—Photographs

- The Clayton Corporation, Pittsburgh, Pennsylvania. *Henry Clay Frick and Helen Clay Frick*, 1910, photograph, toned gelatin silver print, by Henry Havelock Pierce (NPG.92.30); *Helen Clay Frick*, 1910, photograph, toned gelatin silver print, by Henry Havelock Pierce (S/NPG.92.50).
- Jonathan Heller. *Ernest H. Gruening*, 1950, photograph, gelatin silver print, by Thomas Dowell McAvoy (NPG.91.211).
- Lance Hidy. *Arnold Newman*, 1992, photograph, monochrome thermal dye sublimation print, by Lance Hidy (S/NPG.92.113); *Arnold Newman*, 1992, monochrome thermal dye sublimation print, by Lance Hidy (S/NPG.92.114); *Arnold Newman*, 1992, photograph, gelatin silver print, by Lance Hidy (S/NPG.92.112).
- Holicon Corp. *Ronald Reagan*, 1991, hologram, by Hans J. Bjelkhagen,
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- Michael Katakis. *Maya Ying Lin*, 1988, photograph, gelatin silver print, by Michael Katakis (S/NPG.91.110).
- Mimi and Nicholas Muray. *Miguel Covarrubias*, undated, photograph, gelatin silver print, by Nickolas Muray (S/NPG.91.213); *Nickolas Muray*, undated, photograph, gelatin silver print, Self-portrait (NPG.91.206); *Nickolas Muray*, 1940, photograph, dye transfer print, by Edward Steichen (NPG.91.205); *Nickolas Muray*, 1940, photograph, gelatin silver print, by Edward Steichen (S/NPG.91.212).
- Arnold Newman. *Berenice Abbott*, 1986, photograph, gelatin silver print, by Arnold Newman (T/NPG.91.89.74); *Alumni, Art Students League*, 1950, photograph, gelatin silver print, by Arnold Newman (NPG.91.89.56); *Isaac Asimov*, 1990, photograph, gelatin silver print, by Arnold Newman (T/NPG.91.89.87); *Milton Avery*, 1961, photograph, gelatin silver print, by Arnold Newman (NPG.91.89.53); *Marc Blitzstein*, 1945, photograph, gelatin silver print, by Arnold Newman (NPG.91.89.83); *Ron Carter*, 1977, photograph, gelatin silver print, by Arnold Newman (T/NPG.91.89.96); *Marlene Dietrich*, 1948, photograph, gelatin silver print, by Arnold Newman (T/NPG.91.89.67); *Fellows of the Institute for Advanced Study, Princeton, New Jersey*, 1988, photograph, gelatin silver print, by Arnold Newman (T/NPG.91.89.68); *Theodore Geisel (Dr. Seuss)*, 1985, collage, by Arnold Newman (T/NPG.91.89.63); *Walter F. George*, 1951, photograph, gelatin silver print, by Arnold Newman (NPG.91.89.92); *Allen Ginsberg*, photograph, gelatin silver print, by Arnold Newman (T/NPG.91.89.86); *Philip Glass*, 1981, photograph, gelatin silver print, by Arnold Newman (T/NPG.91.89.84); *Kurt Godel*, 1956, photograph, gelatin silver print, by Arnold Newman (NPG.91.89.69); *Chaim Gross*, 1942, photograph, gelatin silver print, by Arnold Newman (T/NPG.91.89.79);

Hans Hofmann, 1952, photograph, gelatin silver print, by Arnold Newman (NPG.91.89.75); *James Jones*, 1961, photograph, gelatin silver print, by Arnold Newman (NPG.91.89.81); *Danny Kaye*, 1950, photograph, gelatin silver print, by Arnold Newman (T/NPG.91.89.66); *Frederick Kiesler*, 1962, photograph, gelatin silver print, by Arnold Newman (NPG.91.89.59); *Alfred Kinsey*, 1948, photograph, gelatin silver print, by Arnold Newman (NPG.91.89.97); *Jacob Lawrence*, 1959, photograph, gelatin silver print, by Arnold Newman (T/NPG.91.89.73); *Jack Levine*, 1942, photograph, gelatin silver print, by Arnold Newman (T/NPG.91.89.93); *Norman Mailer*, 1964, photograph, gelatin silver print, by Arnold Newman (T/NPG.91.89.82); *Man Ray*, 1948, cutout, by Arnold Newman (NPG.91.89.58); *John Marin*, 1946, photograph, gelatin silver print, by Arnold Newman (NPG.91.89.98); *Marisol*, 1985, photograph, gelatin silver print, by Arnold Newman (T/NPG.91.89.72); *Henry Miller*, 1976, collage, by Arnold Newman (NPG.91.89.60); *Piet Mondrian*, 1942, photograph, gelatin silver print, by Arnold Newman (S/NPG.91.89.54); *Zero Mostel*, 1963, photograph, gelatin silver print, by Arnold Newman (NPG.91.89.71); *Lewis Mumford*, 1959, photograph, gelatin silver print, by Arnold Newman (T/NPG.91.89.70); *Louise Nevelson*, 1972, collage, by Arnold Newman (T/NPG.91.89.55); *Arnold Newman*, 1987, photograph, gelatin silver print, Self-portrait (T/NPG.91.89.101); *Barnett Newman*, 1970, photograph, gelatin silver print, by Arnold Newman (NPG.91.89.94); *Isamu Noguchi*, 1947, photograph, gelatin silver print, by Arnold Newman (T/NPG.91.89.90); *Georgia O'Keeffe*, 1968, photograph, gelatin silver print, by Arnold Newman (T/NPG.91.89.51); *Claes Oldenburg*, 1967, photograph, gelatin silver print, by Arnold Newman (T/NPG.91.89.85); *I.M. Pei*, 1967, photograph, gelatin silver print, by

Arnold Newman (T/NPG.91.89.57); *Larry Rivers*, 1975, photograph, gelatin silver print, by Arnold Newman (T/NPG.91.89.62); *Helena Rubenstein*, 1948, photograph, gelatin silver print, by Arnold Newman (NPG.91.89.100); *Jonas Salk*, 1975, photograph, gelatin silver print, by Arnold Newman (T/NPG.91.89.78); *George Segal*, 1985, photograph, gelatin silver print, by Arnold Newman (T/NPG.91.89.76); *W. Eugene Smith*, 1977, photograph, gelatin silver print, by Arnold Newman (NPG.91.89.95); *Willie "the Lion" Smith*, 1960, photograph, gelatin silver print, by Arnold Newman (NPG.91.89.77); *Alfred Stieglitz and Georgia O'Keeffe*, 1944, photograph, gelatin silver print, by Arnold Newman (T/NPG.91.89.64); *Paul Strand*, 1966, photograph, gelatin silver print, by Arnold Newman (NPG.91.89.99); *Igor Stravinsky*, 1946, photograph, gelatin silver print, by Arnold Newman (NPG.91.89.52); *Edward Teller*, 1961, photograph, gelatin silver print, by Arnold Newman (T/NPG.91.89.65); *Twyla Tharp*, 1987, photograph, gelatin silver print, by Arnold Newman (T/NPG.91.89.89); *Jimmy Van Heusen and Sammy Cahn*, 1963, photograph, gelatin silver print, by Arnold Newman (T/NPG.91.89.88); *Andy Warhol*, 1973, collage, by Arnold Newman (T/NPG.91.89.61); *Joseph Welch*, 1957, photograph, gelatin silver print, by Arnold Newman (NPG.91.89.80); *Eli Wiesel*, 1981, photograph, gelatin silver print, by Arnold Newman (T/NPG.91.89.91).

John O'Brien. *Anti-Slavery Constitutional Amendment Picture*, 1865, photograph, albumen silver print, by Powell and Company (NPG.91.207); Jefferson Davis, 1870, photograph, albumen silver print, by E.M. Howell (NPG.91.208); *Matthew C. Perry*, circa 1850, photograph, salt print, by Unidentified (NPG.91.219); Theodore Roosevelt, circa 1905, photograph, gelatin silver print, by Underwood and Underwood (S/NPG.91.214).

Mr. and Mrs. Roy Schatt. *James Dean*, 1954, photograph, gelatin silver print, by Roy Schatt (NPG.91.209); *James Dean*, 1954, photograph, gelatin silver print, by Roy Schatt (S/NPG.91.215).

Donors to the Collection— Prints and Drawings

Valentine Cesare. Eighteen drawings by Oscar Cesare: *Roald Amundsen*, 1923, pencil and Chinese white drawing (S/NPG.92.102); *Leopold Auer*, undated, pencil and Chinese white drawing (NPG.92.103); *Charles Gates Dawes*, undated, India ink and Chinese white drawing (NPG.92.92); *Charles Gates Dawes*, undated, India ink and Chinese white drawing (NPG.92.93); *Minnie Madern Fiske and John Cope*, c. 1916, India ink and lithographic crayon drawing (NPG.92.90); *Lynn Fontanne and Helen Westley* in "Strange Interlude," c. 1928, India ink and wash with Chinese white drawing (NPG.92.100); *Victor Herbert and Frank Tinney*, undated, India ink, lithographic pencil and Chinese white drawing (S/NPG.92.89); *Harry Sinclair Lewis*, 1935, pencil and Chinese white drawing (NPG.92.99); *Harry Sinclair Lewis*, 1931, India ink, wash and Chinese white drawing (NPG.92.98); *Eugene Gladstone O'Neill*, undated, pencil and Chinese white drawing (NPG.92.105); *Theodore Roosevelt*, undated, India ink and pencil drawing (NPG.92.95); *Theodore Roosevelt*, undated, India ink and Chinese white drawing (NPG.92.96); *The Supreme Court*, 1928, ink wash and Chinese white drawing (S/NPG.92.88); *Francis Everest Townsend*, undated, pencil drawing (NPG.92.104); *Woodrow Wilson*, undated, India ink and Chinese white drawing (NPG.92.91); *Woodrow Wilson*, undated, India ink and pencil drawing (NPG.92.97); *A Personal Appointment?* (*Woodrow Wilson and Louis Brandeis*, c. 1916, India ink and Chinese white drawing (NPG.92.94); *Orville Wright*, 1938, pencil and Chinese white drawing (NPG.92.106).

Virginia Dehn. *Adolf Dehn*, undated, ink and colored pencil drawing, by Boardman Robinson (NPG.92.007).

Jonathon Heller. *Ernest Gruening*, 1958, half-tone poster, by Unidentified (NPG.91.201). *Woodrow Wilson*, 1918, wood engraving, by Timothy Cole (NPG.91.202).

Fred W. Hicks. *William Henry Harrison*, 1841, color lithograph, by Nathaniel Currier (NPG.92.008). *Marquis de Lafayette*, undated, color lithograph, by Nathaniel Currier (NPG.92.009). *Presidents of the United States*, 1844, color lithograph, by Nathaniel Currier (NPG.92.010). *Horace Greeley*, 1872, lithograph, by Currier & Ives (NPG.92.111).

Olga Hirshhorn. *Joseph Hirshhorn*, 1979, pastel, by Rick Olson (NPG.91.200).

Bruce Kellner. Chauve-Souris Program containing caricatures by Ralph Barton, c.1922-1928 (NPG.92.012).

Everett Raymond Kinstler. Six drawing of Gregory Peck, 1990, pencil drawings, by Everett Raymond Kinstler (T/NPG.91.136, T/NPG.91.137, T/NPG.91.138, T/NPG.91.139, T/NPG.91.140, T/NPG.91.141). Sixteen graphic pieces by Everett Raymond Kinstler: *James Cagney*, 1980, watercolor (T/NPG.92.034); *James Cagney*, 1980, lithograph (T/NPG.92.035); *Howard Chandler Christy*, 1950, charcoal drawing (NPG.92.036); *Jo Davidson and Charles Dana Gibson*, 1975, pencil drawing (NPG.92.037); *Alfred Drake*, 1978, charcoal drawing (T/NPG.92.038); *James Montgomery Flagg*, 1953, charcoal drawing (NPG.92.039); *James Montgomery Flagg*, undated, charcoal drawing (NPG.92.040); *Malvina Hoffman*, 1958, charcoal drawing (NPG.92.041); *Malvina Hoffman*, 1958, charcoal drawing (NPG.92.042); *John C. Johansen*, c. 1950-1959, pencil and charcoal drawing (S/NPG.92.043); *Robert E. Jones*, 1952, charcoal drawing (NPG.92.044); *Paulanship*, 1960, charcoal and wash drawing (NPG.92.045); *S. J. Perelman*, 1971, pastel drawing (NPG.92.046); *Norman Rockwell*, 1965, pencil drawing (NPG.92.047); *Theodore H. White*,

1979, sepia wash and pencil drawing (NPG.92.048); *Tennessee Williams*, 1975, lithograph (NPG.92.049).

Robert McNeil. 346 silhouettes and original binding, 1839-1844, cut black paper on lithograph and wash backings, by Auguste Edouart (NPG.91.126).

Mimi and Nickolas C. Muray. *Judith Anderson*, c. 1947, ink and watercolor drawing, by Alfred Frueh (T/NPG.91.130). *Nickolas Muray*, 1948, ink and pencil drawing, by Miguel Covarrubias (NPG.91.131). *Nickolas Muray*, c. 1927, ink, wash, gouache and pencil drawing, by Miguel Covarrubias (NPG.91.132). *Nickolas Muray*, 1924, charcoal drawing, by William A. Pogany (NPG.91.133). *Nickolas Muray*, c. 1930, multi-media drawing, by Ralph Barton (NPG.91.134). *William O'Dwyer*, c. 1952, gouache drawing, by Miguel Covarrubias (T/NPG.91.142). *Miguel Covarrubias*, c. 1948, ink marker drawing, by Miguel Covarrubias (NPG.91.216).

John O'Brien. *Andrew Johnson and his Cabinet*, 1865-1867, lithograph, by Peter S. Duval (S/NPG.91.112). *Lynndon Johnson*, c. 1964, lithograph, by Unidentified (S/NPG.91.113). *S. Grover Cleveland and Frances F. Cleveland*, c.1886-1890, chromolithograph, by Donaldson Brothers (NPG.91.114). *James A. Garfield: The President is Dead*, 1881, lithograph, by Henry Atwell Thomas (NPG.91.115). *Ulysses S. Grant*, 1864, chromolithograph, by Charles Magnus (NPG.91.116). *John J. Hughes*, 1863, line and stipple engraving, by John B. Forrest (NPG.91.117). *George B. McCellan*, c. 1862, chromolithograph, by Charles Magnus (NPG.91.118). *John McCloskey*, 1865, engraving, by George E. Perine (NPG.91.119). *Franklin Pierce*, 1853, wood engraving, by Unidentified (NPG.91.120). *William H. Seward*, 1861, wood engraving, by Unidentified (NPG.91.121). *Philip H. Sheridan*, c. 1863-1864, chromolithograph, by Charles Magnus (NPG.91.122). *Walt Whitman*, 1872, color wood engraving, by Richard Shugg (NPG.91.123).

Milton and Ingrid Rose. *Thomas Nast*, 1902, etching, by Thomas Nast (NPG.91.115).

Richard Dudley Sears Family. *Elizabeth Lonsdale Daingerfield*, c. 1804-1806, watercolor, by Charles Balthazar Julien Fevret de Saint-Memin (S/NPG.92.119).

Irwin P. Vollmer. *Aline Frubauf*, c. 1926, multi-media sculpture, by Marie Vas-silieff (NPG.92.006).

Isabel Wilder. *Gertrude Stein and Alice B. Toklas*, 1938, gouache drawing, by Sir Cyril Francis Rose (NPG.91.175).

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B. Dalton Bookseller. Two foreign language dictionaries for the Festival of American Folklife.

Bell Atlantic Paging. Loan of two pagers for Festival supply coordinators.

Bell Haven Pharmacy. Loan of two wheelchairs for the Festival of American Folklife.

Ben & Jerry's Ice Cream. Ice cream for 500 Festival participants, staff and volunteers.

Blacksmiths' Guild of Potomac. Loan of various blacksmith materials for use in the Festival's New Mexico program.

Botanical Gardens. One sotol plant and 18 yucca stalks for the Festival's New Mexico program.

Boulevard Sales Corp. Steel for blacksmith's use in the Festival's New Mexico program.

Brooks Brothers. Loan of a coat rack for use in the Festival's White House program.

Campbell Soup Co. Five cases of V-8 and other foodstuffs for Festival participant hospitality.

Canales Quality Meats. Seven pounds of beef tenderloin for foodways demonstrations in the Festival's White House program.

Carriage House Imports, Ltd. One case of Whray & Nephew White Overproof Rum for the Festival's Maroon program.

Celestial Seasoning. Two cases of herbal teas for Festival participant hospitality.

Coca Cola Co. 45 cases of soft drinks for Festival participant hospitality.

Computer Tech Services. Loan of a computer and printer for Festival supply coordinators.

Conrail, Inc. Transportation of adobe bricks and corbels, posts and beams from East St. Louis, Illinois to Washington, D.C.

Cutters Ceramics. 100 pounds of clay for the Festival's Maroon program.

Dunkin Doughnuts. 10 dozen doughnuts for Festival participant hospitality.

Duron Paint. 50 gallons of paint for Festival site set-up.

Durrett-Sheppard Steel Co., Inc. Steel for blacksmith's use in the Festival's New Mexico program.

Embassy Care Drug Center, Inc. Loan of three wheelchairs for the Festival of American Folklife.

Embassy High's Dairy. Two cases of fruit juice for Festival participant hospitality.

Event Rental Communications, Inc. Loan of six radios for Festival staff.

FaxLand Corp. Loan of a fax machine for Festival supply coordinators.

Finney Frock Welding. Loan of a 200 pound anvil for the Festival's New Mexico program.

Fischer's Hardware. Baling wire for the Festival's New Mexico program.

GE Lighting. 200 lightbulbs for tent interiors at the Festival.

Georgetown Paint & Wallpaper. Two canvas tarps for Festival site set-up.

Glidden Paint. 12 paint rollers for Festival site set-up.

Herr Food, Inc. Snack food for Festival participant hospitality.

Inter-American Foundation. Sponsorship of a participant from Ecuador as part of the Festival's Maroon program.

Jamaica Institute. Support of field research for the Festival's Maroon program.

K-Mart. Various products for Festival demonstrations.

Keebler Co. Several cases of snack food for Festival participant hospitality.

Kitchen Bazaar. Two cutting boards for Festival foodways demonstrations.

Krispy Creme Doughnut Co. 10 dozen doughnuts for Festival participant hospitality.

Little Caesars Pizza. Several pizzas for Festival technical crew.

McReady Marketing Co. Eight cases of juice for Festival participant hospitality.

National Geographic Society.
Photographs for the Festival's White House program.

Pear Art & Craft Supplies, Inc. Art materials for the children's area in the Festival's Maroon program.

Randy's Carpets. Carpet remnants for the children's area in the Festival's Maroon program.

Santa Fe Cafe. Guacamole and chips for Festival participant hospitality.

Santa Fe Railway. Transportation of adobe bricks, and corbels, posts and beams from Albuquerque, New Mexico to East St. Louis, Illinois.

Seaboard Steel & Iron. Steel for the Festival's New Mexico program.

Shamrock Supply Co. Two cases of paper products for the Festival's administration compound.

Snyders of Hanover. Cases of potato chips for Festival participant hospitality.

Society of American Florists. Flowers for demonstrations of floral arrangements in the Festival's White House program.

Steel & Wire Co. 150 pounds of nails for Festival site set-up.

Sugar Association, Inc. 300 pounds of sugar for Festival foodways demonstrations.

Sullivan's. Box of kraft sticks for the children's area in the Festival's Maroon program.

Sure Fire Distributors. 250 pounds of charcoal for Festival foodways demonstrations.

Suriname Airways. Transportation of materials from Suriname to Washington, D.C. for the Festival's Maroon program.

Suriname Government. Support and sponsorship of the District Commissioner of the Sipaliwini District in assisting field research and participating in the Festival's Maroon program.

Tandy Leather Co. Two tanned cowhides (22 sq. ft.) and two deerskins for the Festival's New Mexico program.

U.S. Tile & Marble. 12-foot long pieces of slate for Festival demonstrations.

Utz Quality Foods, Inc. Cases of potato chips for Festival participant hospitality.

Weber-Stephen Products Co. Loan of four grills for Festival foodways.

Wilkins Coffee. Cases of coffee for Festival participant hospitality.

William B. Riley Coffee Co. Cases of coffee for Festival participant hospitality.

F.W. Woolworth. Variety of products for Festival demonstrations.

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Mr. and Mrs. Charles Weitzel	Mr. and Mrs. John M. Williams	Mr. Marvin Wornack	Mr. Louis I. Zorensky
Dr. Arnold D. Welch and Ms. Erika P. Welch	Mrs. Wanda Rees Williams	Mr. Gary S. Wong	Dr. and Mrs. M. J. Zukel
	Mr. and Mrs. Kenneth R. Williams, Jr.	Mr. and Mrs. Stanton Wong	
	Major General and Mrs. Ellis W. Williamson	Mr. David L. Wood	
		Dr. Thomas P. Wood	

Financial Report

Nancy D. Suttentfield, Chief Financial Officer

Introduction

The Smithsonian Institution receives funding from both federal appropriations and nonappropriated trust funds. Federal appropriations are the primary source of operating funds to address the Institution's fundamental responsibilities in caring for and conserving the national collections, sustaining basic research on the collections and in selected areas of traditional and unique strength, and educating the public through exhibitions and other outreach programs about the collections and research findings. Administrative and support functions are also supported partially by federal appropriations. Federal appropriations account for 71 percent of the Institution's net operating funds. In addition, capital outlays for building repair and restoration and for most new construction are also supported primarily through federal appropriations, although certain construction projects, e.g., the National Museum of the American Indian and a planned West Court complex at the National Museum of Natural History, rely heavily on private fund-raising or other trust fund resources.

Trust funds account for the remaining 29 percent of the Institution's net operating funds. The Smithsonian defines trust funds as all funds it receives from sources other than direct federal appropriations. These sources include gifts and grants from individuals, corporations, and foundations; earnings from short- and long-term investments; earnings from membership programs; and gross receipts from auxiliary activities such as *Smithsonian* magazine, museum shops, food service concessions, and mail order activities. The Smithsonian receives grants and contracts, primarily from other federal agencies, but also from state governments, which are considered trust funds.

Smithsonian trust funds, depending on their source, purpose, and applicable restrictions, are used for operations, construction, and endowment. These nonappropriated trust funds are used to cover the expenses of income-producing auxiliary activities, supplement federal appropriations for programs, and cover an appropriate proportionate share of the Institution's administrative expenses. The use of Smithsonian trust funds is further classified as restricted or unrestricted. Re-

stricted funds are those on which the donor or funding agent places limitations. Seventy percent of the trust net operating funds are restricted. Approximately 54 percent of the endowment is restricted as well.

The following sections describe the Institution's general financial situation and its planned responses to changing conditions; specific financial outcomes for fiscal 1992; measures, both organizational and financial, to assure the future fiscal health of the Institution; and relationships with other affiliated organizations.

Financial Situation and Prospects

During fiscal 1992, an analysis of federal appropriations to the Institution for the past several years was conducted. That analysis revealed that a major portion of each annual increment had gone not to support general operating expenses, but to support specific and/or earmarked purposes, such as the new National Museum of the American Indian, major scientific instrumentation for the Smithsonian Astrophysical Observatory, new global change research programs, subsidized participation fees for traveling exhibitions, and special commemorative events such as the Columbus Quincentenary. Despite the apparent increases in appropriation support, many factors, including the need to apply increases to specific activities, had the effect of eroding the purchasing power of the Institution's operating budget. Other such factors include shortfalls in appropriations relative to additional new costs, including mandated pay adjustments, employee benefits, new regulatory requirements, and inflation.

Although the Institution's federal appropriation for operating expenses was \$97.3 million greater than in fiscal 1987, the fiscal 1992 funding level (in 1987 dollars) represented a decrease of \$22.4 million actually available for the core programs that were in place in fiscal 1987. This loss of purchasing power resulted in the inability to fill many positions that perform essential functions, such as collections care and facilities maintenance and repair; the deferral of the replacement of scientific equipment; the postponement of the purchase of library books and serials; and the reduction of other basic program support.

At the same time, the weakened national economy, along with a decrease in the number of visitors, has led to decreased revenues from the Smithsonian's various income producing activities. Unrestricted trust fund income from these activities dropped to pre-fiscal 1987 levels. In response, the Institution reduced its budget allocations to fellowships, collections acquisition, scholarly studies, educational outreach, and special exhibitions to 28 percent below the fiscal 1987 level of \$6.4 million.

Prospects for catch-up funding from both appropriated and nonappropriated sources are dim. Therefore, in planning for fiscal 1993, the Institution conducted a comprehensive examination of each of its programs and activities, considering centrality to the Smithsonian's mission, quality, and cost-effectiveness. As a result of that examination, it has begun a multi-year restructuring program to restore and maintain financial equilibrium.

Fiscal 1992 Results

Fiscal 1992 Sources of Operating Funds
(Source: Tables 1 and 2)

<i>Source of Funds</i>	<i>Gross Sources (\$000s)</i>	<i>Net Sources (\$000s)</i>	<i>Net Sources (%)</i>
Federal Appropriation	283,076	283,076	71
Government Grants and Contracts	42,689	42,689	11
Other Trust Resources	248,917	75,551	18
Total Available for Operations	574,682	401,316	100

The fiscal 1992 federal appropriation of \$281.2 million, plus an additional \$1.9 million for the Special Foreign Currency, U.S. India, and the Canal Zone funds, provided the funding nucleus for ongoing programs of the Institution and limited support for the new National Museum of the American Indian and for other areas of cultural pluralism, environmental, and education initiatives. Modest increments of funding were directed to the reinstallation of outdated exhibitions, the upgrading and replacement of essential information systems, and strengthening internal controls.

The Smithsonian concluded fiscal 1992 with a shortfall of \$3.813 million in unrestricted general trust funds. The shortfall derived from continued increases in expenditures while revenues from auxiliary activities remained essentially flat in comparison to fiscal 1991. Although management had already initiated reductions in baseline expenditures, it became evident that additional cuts were required in fiscal 1993 to bring costs within further reduced levels of unrestricted trust income.

In fiscal 1992, government agencies sponsored research projects totalling \$42.7 million at the Smithsonian, an increase of \$5.9 million, or 16 percent over fiscal 1991. Of this increase, \$4.4 million represents funding from the National Aeronautics and Space Administration (NASA) to support research at the Smithsonian Astrophysical Observatory.

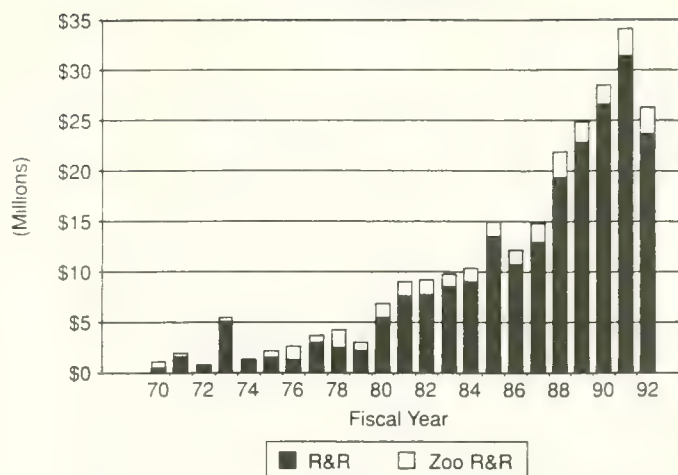
Other nonappropriated income from gifts, non-government grants, endowments, current investments, and revenue-producing activities totaling \$75.55 million augmented funds from federal sources. The Smithsonian is especially grateful to its many friends in the private sector whose generosity contributed vitally to its work. Donors are listed in the Benefactors section of this annual report.

Construction and Plant Funds (Table 8)

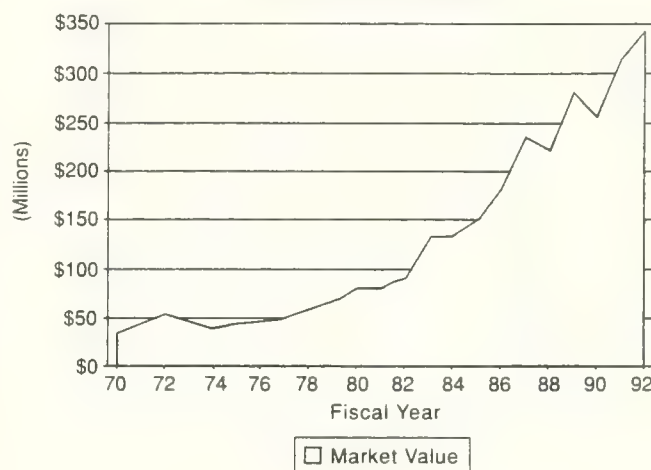
In fiscal 1992, the Smithsonian received \$23.599 million in direct appropriations for replacement of major building systems at the National Museum of Natural History and the National Museum of American History, as well as for repair, restoration, and code compliance projects throughout the Institution.

Appropriations for major construction included \$9.874 million for reconfiguration of the National Museum of Natural History's East Court; \$2.37 million for the planned National Museum of the American Indian; and \$1.678 million for the initial design for the General Post Office Building. The National Zoological Park received \$7.899 million for repairs and other projects in its master plan, including the Hall of Humankind and Amazonia. Appropriations for other con-

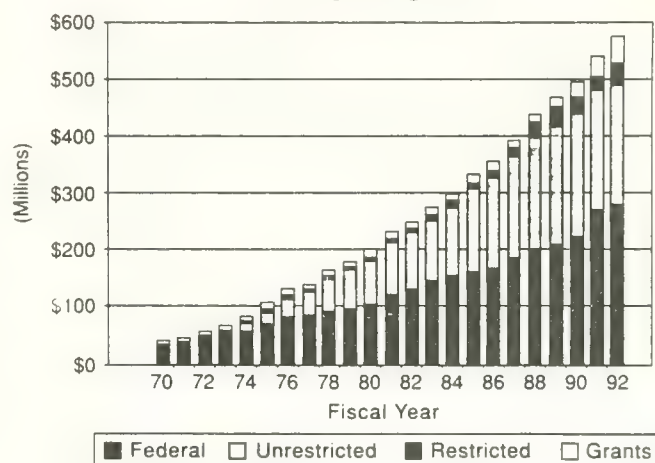
R & R Appropriations



Total Endowment Funds



Total Operating Funds



struction activities included \$5.234 million for minor construction and planning for future capital projects.

Endowment (Tables 5, 6, and 7)

The Institution has a large number of endowment and quasi-endowment funds. For investment purposes, these funds are pooled into a consolidated portfolio, and the investment policy is focused on the total return (i.e., dividends, interest, and realized and unrealized capital gains) on the portfolio. Each year, the market value of the portfolio increases by new gifts, net transfers, and the total return on the portfolio. It is reduced by the annual payout for current expenditures, fees, and expenses. Each fund within the consolidated endowment purchases shares similar to an investor in a mutual fund. The value of each share increases as the market value of the consolidated portfolio (net of new gifts and transfers) increases and, annually, it receives the applicable payout per share for current expenditures.

The Investment Policy Committee of the Smithsonian's Board of Regents oversees the development of the investment policy and the annual payout for the consolidated endowment. The overall objective of the endowment is to maintain its real purchasing power (net of new gifts and transfers). Current policy calls for an average payout of 4.5 percent of the average market value over the prior 5 years. To achieve the endowment objectives, the investment policy targets a real return of 5 percent.

During fiscal 1992, the market value of the consolidated endowment increased to \$343.6 million, a \$29.8 million gain. Following past practice to increase the endowment for the future, \$3.1 million in revenue generated from auxiliary enterprises was transferred to the unrestricted endowment. The total return was 10.3 percent, the payout was 4.2 percent of the five-year average market value, and fees were 0.4 percent of average market value of the portfolio. With inflation running at an annual rate of 2.4 percent, the real purchasing power of the endowment increased by 3.8 percent. At fiscal year-end, the portfolio of the Institution reflected 36 percent in bonds, 7 percent in cash and cash equivalents, and 57 percent in equities.

Financial Management

In 1990, to assure effective financial management, the Smithsonian established the position of assistant secretary for finance and administration and later designated that position as chief financial officer of the Institution. The chief financial officer has responsibilities for safeguarding all of the Institution's assets and oversees all financial offices to assure integrated financial planning and proper coordination of all financial management functions.

Although not required to comply with the Federal Chief Financial Officers Act of 1990, the Smithsonian has elected to comply voluntarily with the spirit and intent of its objectives for sound financial management and internal controls. The Smithsonian is, in fact, well ahead of most federal agencies in implementing the principal requirements of the act. In addition, the Institution's finance offices are taking part in an effort to continuously improve the quality of their products and services and the cost-effectiveness of their business processes through total quality management (TQM). A program to train all financial staff is under way and implementation of the program is proceeding.

Specific financial management improvement initiatives undertaken or completed in fiscal 1992 include

- an external review, arranged by the Private Sector Council, of the management and organization of Smithsonian finance and administration by executives from the Eastman Kodak Company, the Gillette Company, the Lockheed Corporation, and the American Express Company;
- the development of a new accounts payable/purchase order system—to be completed by the end of fiscal 1993;
- the development of a more highly coordinated fund-raising program plan;
- collateralization of Smithsonian funds on deposit with major banks through the Federal Reserve Bank;
- the establishment of a Smithsonian-wide disaster preparedness plan, the acquisition of a fully equipped disaster response trailer, and completion or initiation of disaster preparedness plans at 22 separate Smithsonian facilities;
- initiation of a study to examine the planning and construction of exhibitions and recommend opportunities for cost savings—to be completed in fiscal 1993.

The Institution's financial statements are audited annually by an independent public accounting firm. Along with the audit report, management also receives a report from the auditors with suggested operational improvements, which management acts upon as appropriate. Coopers & Lybrand's unqualified report for fiscal 1992 is reprinted on the following pages. The Smithsonian's internal audit staff, part of the Office of the Inspector General, assists the outside auditors and regularly audits the Institution's various programs, activities, and internal control systems. The Defense Contract Audit Agency audits grants and contracts received from federal agencies, including the allowability and allocability of indirect cost charges.

The Audit and Review Committee of the Board of Regents met three times during the fiscal year pursuant to its fiduciary responsibilities and the bylaws of the Board of Regents. The committee reviewed the results of the 1991 audit of financial statements and the 1992 audit plan, received reports from the inspector general, and conducted inquiries on a variety of topics directed at safeguarding the Institution's various assets.

Related Organizations

The National Gallery of Art, the John F. Kennedy Center for the Performing Arts, and the Woodrow Wilson International Center for Scholars were established by Congress within the Institution. Each organization is administered by its own board of trustees and reports independently on its financial status. The Smithsonian provides the Wilson Center with certain fiscal, administrative, and support services, as well as office space, on a reimbursement basis.

Administrative services are provided by the Institution on a contract basis for Reading is Fundamental, Inc. The Friends of the National Zoo (FONZ), an independent nonprofit organization, operates under a concessions contract; proceeds accrue to the Zoo.

■ Table 2. Source and Application of Operating Funds for the Year Ended September 30, 1992
(Excludes Canal Zone Biological Area Fund, Plant Funds, and Endowments) (in \$000s)

	Federal Funds	Total Non- appropriated Funds	Nonappropriated Trust Funds				
			Unrestricted			Restricted	
			General	Auxiliary Activities	Special Purpose	General	Government Grants and Contracts
FUND BALANCES—Beginning of Year	\$ 7,300	\$ 65,923	\$ 13,772	\$ —	\$31,115	\$21,036	\$ —
FUNDS PROVIDED:							
Federal Appropriations	283,076	—	—	—	—	—	—
Investment Income	—	14,170	7,616	—	562	5,992	—
Government Grants and Contracts	—	42,689	—	—	—	—	42,689
Gifts	—	40,110	189	8,034	960	30,927	—
Sales and Membership Revenue	—	188,591	—	180,312	8,279	—	—
Other	—	6,046	343	—	2,842	2,861	—
Total Provided	283,076	291,606	8,148	188,346	12,643	39,780	42,689
Total Available	290,376	357,529	21,920	188,346	43,758	60,816	42,689
FUNDS APPLIED:							
<i>Sciences:</i>							
Assistant Secretary	843	1,148	516	—	112	177	343
Office of the Registrar	210	15	13	—	2	—	—
Fellowships and Grants	397	2,296	125	—	1,901	270	—
Office of Interdisciplinary Studies	114	89	71	—	(26)	44	—
Astrophysical Observatory	12,996	45,466	5,839	—	1,981	567	37,079
Less Overhead Recovery	—	(5,009)	(5,009)	—	—	—	—
Tropical Research Institute	6,785	2,387	202	—	860	675	650
Environmental Research Center	2,414	1,422	90	—	285	207	840
National Zoological Park	16,617	3,826	172	—	1,731	912	1,011
Smithsonian Archives	707	248	221	—	24	3	—
Smithsonian Libraries	5,997	770	638	—	130	2	—
International Environmental Science Program	901	—	—	—	—	—	—
Major Scientific Instrumentation	2,277	—	—	—	—	—	—
National Museum of Natural History	32,614	6,676	418	—	1,836	3,341	1,081
Conservation Analytical Laboratory	2,722	95	—	—	77	18	—
Museum Support Center	7,090	—	—	—	—	—	—
Total Sciences	92,684	59,429	3,296	—	8,913	6,216	41,004
<i>Arts and Humanities:</i>							
Assistant Secretary	1,366	1,050	506	—	216	328	—
Office of Museum Programs	555	71	53	—	14	4	—
Joseph Henry Papers	269	8	—	—	1	7	—
American Studies	106	19	—	—	19	—	—
National Air & Space Museum	11,500	7,334	253	—	4,432	2,147	502
National Museum of American History	18,268	5,545	175	—	1,609	3,181	580
National Museum of the American Indian	8,193	275	172	—	102	1	—
National Museum of American Art	6,694	2,948	188	—	1,129	1,631	—
National Portrait Gallery	4,038	599	34	—	332	231	2
AA/PG Building Manager	1,219	7	—	—	7	—	—
Hirshhorn Museum and Sculpture Garden	3,980	6,523	216	—	642	5,665	—
Freer Gallery of Art	3,262	3,057	9	—	370	2,678	—
Arthur M. Sackler Gallery	2,741	1,845	81	—	399	1,365	—
Archives of American Art	1,236	970	94	—	—	876	—
Cooper-Hewitt Museum	2,211	2,822	1,048	—	1,328	411	35
National Museum of African Art	3,723	230	32	—	58	140	—
Anacostia Neighborhood Museum	1,087	193	166	—	26	1	—
Office of Exhibits Central	2,093	66	—	—	66	—	—
Traveling Exhibition Service	2,292	2,318	344	—	1,076	852	46
Total Arts and Humanities	74,833	35,880	3,371	—	11,826	19,518	1,165

■ **Table 2.** Source and Application of Operating Funds for the Year Ended September 30, 1992
(Excludes Canal Zone Biological Area Fund, Plant Funds, and Endowments) (in \$000s) (continued)

	Federal Funds	Total Non-appropriated Funds	Nonappropriated Trust Funds				
			Unrestricted			Restricted	
			General	Auxiliary Activities	Special Purpose	General	Government Grants and Contracts
<i>Education and Public Service:</i>							
Assistant Secretary	384	389	298	—	70	21	—
Center for Folklife Programs and Cultural Studies	1,318	1,596	761	—	365	207	263
Office of Elementary and Secondary Education	418	353	270	—	39	34	10
National Science Resources Center	242	190	190	—	—	—	—
Total Education and Public Service	2,362	2,528	1,519	—	474	262	273
International Center/ Activities	909	1,668	658	—	126	725	159
<i>External Affairs:</i>							
Assistant Secretary	\$ 169	\$ 936	\$ 615	\$ —	\$ —	\$ 284	\$ 37
Office of Telecommunications	322	970	586	—	97	256	31
Visitor Information and Associates' Reception	182	1,073	1,051	—	23	(1)	—
Office of Special Events and Conference Svs	72	182	182	—	—	—	—
Smithsonian Press	1,530	19,701	—	19,510	141	48	2
Total External Affairs	2,275	22,862	2,434	19,510	261	587	70
Institutional Initiatives	55	4,952	4,440	—	379	133	—
Associates	—	96,489	240	96,133	56	42	18
Business Management/ Activities	—	51,724	—	51,724	—	—	—
Administration	26,575	16,223	13,052	—	2,984	187	—
Less Overhead Recovery	—	(10,591)	(10,591)	—	—	—	—
Facilities Services	75,408	2,400	1,551	—	846	3	—
<i>Transfers Out/(In):</i>							
Programs (see Note 1)	—	—	4,487	—	(4,487)	—	—
Net Auxiliary Activities	—	—	(19,110)	19,110	—	—	—
Other Designated Purposes	—	—	3,521	1,869	(5,485)	95	—
Plant	—	743	—	—	(232)	975	—
Endowment	—	7,574	3,093	—	540	3,941	—
Total Transfers	—	8,317	(8,009)	20,979	(9,664)	5,011	—
Total Funds Applied	275,101	291,881	11,961	188,346	16,201	32,684	42,689
FUND BALANCES—End of Year (see Note 2) ...	\$ 15,275	\$ 65,648	\$ 9,959	—	\$27,557	\$28,132	—

Note 1: Includes Collections Acquisition, Scholarly Studies, Educational Outreach, and Special Exhibitions Programs.

Note 2: The fund balance for federal funds represent no-year funding for instrumentation, collections acquisition, repatriation and exhibitions.

■ **Table 3.** Government Grants and Contracts—Expenditures (in \$000s), Fiscal Years 1991 and 1992

Government Agencies	FY 1991	FY 1992
Department of Defense	\$ 883	\$ 779
Department of Energy	425	499
Department of Health and Human Services	613	591
Department of Interior	1,242	807
National Aeronautics and Space Administration (see Note 1)	31,616	35,999
National Science Foundation (see Note 2)	852	1,627
Other	1,170	2,387
Total	\$36,801	\$42,689

Note 1: Includes \$849 thousand (FY 1991) and \$895 thousand (in FY 1992) in subcontracts from organizations receiving prime contracts from the National Aeronautics and Space Administration.

Note 2: Includes \$314 thousand (FY 1992) in National Science Foundation subcontracts from Chesapeake Research Consortium.

■ Table 4. Auxiliary Activities, Fiscal Years 1991 and 1992 (in \$000s)

	Sales and Membership Revenue	Gifts	Less Cost of Sales	Gross Revenue	Expenses	Net Revenue (Loss)
FY 1991	<u>\$178,073</u>	<u>\$7,752</u>	<u>\$94,511</u>	<u>\$91,314</u>	<u>\$70,309</u>	<u>\$21,005</u>
FY 1992:						
Associates Programs	\$101,298	\$8,034	\$64,750	\$44,582	\$31,383	\$13,199
Business Management: (see Note 1)						
—Museum Shops/Mail Order	54,128	—	24,384	29,744	23,510	6,234
—Concessions	3,788	—	—	3,788	2,923	865
—Other	1,436	—	—	1,436	907	529
Smithsonian Press	19,502	—	4,992	14,510	14,518	(8)
Media Activities (see Note 1)	160	—	—	160	—	160
Total FY 1992	<u>\$180,312</u>	<u>\$8,034</u>	<u>\$94,126</u>	<u>\$94,220</u>	<u>\$73,241</u>	<u>\$20,979</u>

Note 1: Before revenue-sharing transfers to participating Smithsonian bureaus of \$1,102 thousand (FY 1991) and \$1,869 thousand (FY 1992).

■ Table 5. Endowment and Similar Funds September 30, 1992 (in \$000s)

	Book Value	Market Value
ASSETS:		
<i>Pooled Consolidated Endowment Funds:</i>		
Cash and equivalents	\$ 24,890	\$ 24,890
Mutual Funds	23,928	26,916
Interfund Receivable	2,545	2,545
U.S. Government and Government Obligations	70,586	73,360
Bonds	53,310	56,463
Convertible Preferred	1,861	2,482
Stocks	122,504	164,472
Receivable for Securities Sold	7,541	7,541
Total Pooled Funds	<u>307,165</u>	<u>358,669</u>
<i>Nonpooled Endowment Funds:</i>		
Loan to U.S. Treasury in Perpetuity	1,036	1,072
Receivables	20	20
Investments in Charitable Trusts	595	834
Total Nonpooled Funds	<u>1,651</u>	<u>1,926</u>
Total Assets	<u>\$308,815</u>	<u>\$360,595</u>
LIABILITIES AND FUND BALANCES:		
LIABILITIES:		
Payables for Securities Purchased	\$ 16,147	\$ 16,148
Deferred Revenue—Charitable Trusts	595	834
Total Liabilities	<u>16,742</u>	<u>16,982</u>
FUND BALANCE:		
Unrestricted Purpose: True Endowment	7,793	9,849
Quasi Endowment	127,526	146,546
Total Unrestricted Purpose	<u>135,319</u>	<u>156,395</u>
Restricted Purpose: True Endowment	100,408	121,584
Quasi Endowment	56,347	65,634
Total Restricted Purpose	<u>156,755</u>	<u>187,218</u>
Total Fund Balances	<u>292,074</u>	<u>343,613</u>
Total Liabilities and Fund Balances	<u>\$308,816</u>	<u>\$360,595</u>

■ Table 5A. Market Values of Endowment and Similar Funds (in \$000s)

Fund	9/30/88	9/30/89	9/30/90	9/30/91	9/30/92
Unrestricted	\$101,432	\$127,394	\$117,123	\$143,205	\$156,395
Freer	44,228	53,731	47,963	57,775	61,523
Other Restricted	75,169	98,540	89,430	112,796	125,695
Total	<u>\$220,829</u>	<u>\$279,665</u>	<u>\$254,516</u>	<u>\$313,776</u>	<u>\$343,613</u>

■ Table 6. Changes in Pooled Consolidated Endowment—Fund Balances at Market (in \$000s)

	Unrestricted	Freer	Restricted	Total
Market Value—10/1/91	\$142,193	\$57,775	\$112,663	\$312,631
Changes:				
Gifts	94	—	1,244	1,338
Transfers of Excess Yield (Net of below)				
Interest and Dividends (see Note 1)	4,680	1,878	3,796	10,354
Income Paid Out	(4,771)	(1,908)	(3,845)	(10,524)
Transfers of Other Income	3,775	—	4,056	7,831
Market Value Appreciation	9,454	3,778	7,659	20,891
Market Value—9/30/92 (see Note 2)	<u>\$155,425</u>	<u>\$61,523</u>	<u>\$125,573</u>	<u>\$342,521</u>

Note 1: Income earned, less managers' fees of \$1,140 thousand.

Note 2: Nonpooled Endowment Funds have a market value of \$1,093 thousand for a total endowment market value of \$343,613 thousand.

■ Table 7. Endowment Funds September 30, 1992

	Principal		Income	
	Book Value	Market Value	Net Income	Unexpended Balance
UNRESTRICTED PURPOSE—TRUE:				
Avery Fund (see Note 1)	\$ 257,525	\$ 332,332	\$ 11,034	\$ —
Higbee, Harry, Memorial	92,454	116,451	3,612	—
Hodgkins Fund (see Note 1)	376,458	428,988	19,335	—
Morgan, Gilbert B. and Betty J., Memorial Fund	40,972	45,989	1,426	—
Morrow, Dwight W.	462,588	607,599	18,843	—
Mussinan, Alfred	140,877	177,688	5,511	—
Olmsted, Helen A.	4,790	6,202	192	—
Poore, Lucy T. and George W. (see Note 1)	1,023,570	1,337,858	42,876	—
Porter, Henry Kirke, Memorial	1,709,508	2,243,643	69,580	—
Sanford, George H. (see Note 1)	6,997	8,725	328	—
Smithson, James (see Note 1)	829,925	865,158	54,980	—
Smithson Society, James	176,824	181,638	4,659	—
Walcott, Charles D. and Mary Vaux, Research (Designated)	2,670,273	3,496,777	108,442	138,389
Subtotal	<u>7,792,761</u>	<u>9,849,048</u>	<u>340,818</u>	<u>138,389</u>
UNRESTRICTED PURPOSE—QUASI:				
Ertl, Charles H., Fund	1,184,373	1,342,099	41,621	—
Ferguson, Frances B., Endowment	605,675	665,916	20,651	—
Forrest, Robert Lee	6,015,246	6,761,421	209,685	—
General Endowment (see Note 1)	102,271,760	117,626,928	3,612,168	—
Goddard, Robert H.	47,617	53,546	1,661	—
Habel, Dr. S. (see Note 1)	766	799	51	—
Hart, Gustavus E.	3,247	4,007	124	—
Henry, Caroline	8,027	9,883	306	—
Henry, Joseph and Harriet A.	322,084	395,284	12,259	—
Heys, Maude C.	580,316	657,922	20,404	—
Hinton, Carrie Susan	161,192	192,464	5,969	—
Kotzen, Dorothy B.	215,277	229,582	7,120	—
Lambert, Paula C.	292,516	353,099	10,950	—
Medinus, Grace L.	5,757	6,549	203	—

■ Table 7. Endowment Funds September 30, 1992 (continued)

	Principal		Income	
	Book Value	Market Value	Net Income	Unexpended Balance
O'Dea, Laura I.	194,094	224,821	6,972	—
Phillips, Roy R., Estate	811,124	905,817	29,540	—
Rhees, William Jones (see Note 1)	4,023	4,775	178	—
Safford, Clara Louise	267,419	307,309	9,530	—
Smithsonian Bequest Fund (see Note 1)	1,916,023	1,756,077	46,526	—
Suitner, Donald H., Endowment	481,757	824,227	25,614	—
Taggart, Ganson	2,874	3,744	116	—
Winterer, Alice I.	149,633	141,478	2,477	—
Abbott, William L. (Designated)	755,438	929,131	28,814	54,536
Barstow, Frederic D. (Designated)	6,320	7,765	241	6,136
Hirshhorn Museum Acquisition Fund (Designated)	3,303,872	3,882,543	119,638	—
Lindbergh Chair of Aerospace History (Designated)	2,787,143	3,217,989	99,796	194,664
Lindbergh, Charles A. (Designated)	45,567	51,810	1,607	10,522
Lyon, Marcus Ward, Jr. (Designated)	30,738	35,196	1,092	3,729
Martin Marietta Internship (Designated)	197,032	231,237	7,171	216
NMNH Research (Designated)	91,960	89,382	462	462
Smithsonian Agency Account (Designated)	24,267	28,137	998	145
Smithsonian Press Scholarly Books Fund (Designated)	1,836,711	2,255,041	69,933	57,608
Smithsonian Tropical Research Institute Endowment Fund (Designated)	1,438,764	1,806,748	60,404	17,662
Webb, James E., Fellowship (Designated)	1,282,162	1,357,412	42,096	170,300
Women's Committee Fellowship (Designated)	184,775	186,345	5,779	1,167
Subtotal	127,525,549	146,546,483	4,502,156	517,147
Total Unrestricted Purpose	\$135,318,310	\$156,395,531	\$ 4,842,974	\$ 655,536

RESTRICTED PURPOSE—TRUE:

Aitken, Annie Laurie, Endowment Fund	\$ 356,553	\$ 426,427	\$ 11,951	\$ 24,589
Arthur, James	230,557	304,327	9,438	19,035
Baird, Spencer Fullerton	207,592	272,037	8,436	18,771
Barney, Alice Pike, Memorial	165,254	218,083	6,763	67,880
Batchelor, Emma E.	191,993	225,583	6,996	72,992
Beauregard, Catherine, Memorial	247,934	304,751	9,451	112,993
Bergen, Charlotte V.	20,237	22,523	698	4,293
Brown, Roland W.	182,894	226,108	7,012	16,260
Burch, George, Fellowship in Theoretic Medicine and Affiliated Theoretic Sciences Fund	1,879,703	2,046,703	63,472	115,061
Canfield, Frederick A.	244,487	335,300	10,398	284
Casey, Thomas Lincoln	79,446	97,703	3,030	12,908
Chamberlain, Frances Lea	162,257	214,129	6,641	28,899
Cooper Fund for Paleobiology	228,134	253,110	7,714	—
Division of Mammals Curators Fund	17,047	20,057	622	2,441
Drake Foundation	1,069,970	1,266,451	39,112	235,540
Drouet, Francis and Louderback, Harold B. Fund	325,351	363,651	11,278	73,415
Dykes, Charles, Bequest	305,398	370,257	11,482	79,229
Eaton, Harriet Phillips	69,481	74,703	2,317	5,988
Eickemeyer, Florence Brevoort	62,613	82,620	2,562	14,416
Eppley Memorial	32,596	35,046	1,087	2,809
Forbes, Edward Waldo	1,018,396	1,120,726	34,756	110,686
Freer, Charles L.	50,093,594	61,523,394	1,907,965	2,393,512
Global Environmental Endowment Fund	3,253	3,486	108	272
Grimm, Sergei N.	171,277	192,757	5,978	51,082
Groom, Barrick W.	174,510	194,035	6,017	29,359
Guggenheim, Daniel and Florence	680,292	787,201	24,413	60,931
Hamilton, James (see Note 1)	6,276	7,286	356	4,384
Henderson, Edward P. and Rebecca R., Meteorite Fund	187,793	200,142	6,207	8,834
Hewitt, Eleanor G., Repair Fund	41,664	49,493	1,535	1,420
Hewitt, Sarah Cooper	246,170	292,135	9,060	11,524
Hillyer, Virgil	41,661	51,236	1,589	17,801
Hitchcock, Albert S.	9,197	12,191	378	1,830
Hodgkins Fund (see Note 1)	153,177	159,678	10,152	32,692
Hrdlicka, Ales and Marie	305,008	378,875	11,750	7,725
Hughes, Bruce	110,381	145,718	4,519	19,710
Huntington Publication Fund	271,346	291,742	9,047	23,399
Johnson, Seward, Trust Fund for Oceanography	20,774,148	25,588,490	793,551	—
Kellogg, Remington and Marguerite, Memorial	336,490	385,952	11,919	2,795

■ Table 7. Endowment Funds September 30, 1992 (continued)

	Principal		Income	
	Book Value	Market Value	Net Income	Unexpended Balance
Kramar, Nada	23,514	26,978	636	1,020
Mandil, Harry and Beverly	105,401	106,954	3,026	4,191
Maxwell, Mary E.	113,100	149,301	4,630	62,974
Mellon Foundation Challenge Grant/Endowment	714,319	832,714	25,810	46,595
Mellon Publications Endowment Fund	577,170	613,533	18,502	34,264
Milliken, H. Oothout, Memorial	883	1,455	45	307
Mineral Endowment	562,061	671,928	20,838	315
Mitchell, William A.	76,545	91,726	2,845	34
Museum of the American Indian—Heye Foundation	993,171	1,067,826	33,115	85,647
NMAI Educational Endowment Fund	35,959	34,789	446	446
Nelms, Henning, Endowment Fund	244,492	250,220	7,653	24,842
Nelson, Edward William	130,682	169,071	5,243	13,684
Petrocelli, Joseph, Memorial	42,856	56,631	1,756	15,053
Reid, Addison T. (see Note 1)	129,535	156,123	5,414	24,024
Ripley, S. Dillon and Mary Livingston	216,329	246,503	7,492	—
Roebling Fund	693,169	913,311	28,324	143
Rollins, Miriam and William	1,480,503	1,825,521	56,143	49,839
Schmitt, John J.	20,301	21,827	677	1,749
Sims, George W.	178,388	199,191	6,177	25,132
Sprague Fund	9,275,416	10,913,924	335,651	190,836
Springer, Frank	103,564	136,286	4,226	31,163
Stern, Harold P., Memorial	1,105,952	1,301,449	40,360	264,722
Stevenson, John A., Mycological Library	30,368	37,234	1,155	5,709
Stuart, Mary Homer	437,250	473,082	14,671	773
Tupper, Earl S.	1,016,089	1,002,014	12,902	12,902
Walcott, Charles D. and Mary Vaux, Research	978,597	1,189,379	36,481	38,279
Walcott Research Fund, Botanical Publications	337,801	460,970	14,296	20,263
Williston, Samuel Wendell, Diptera Research	32,367	37,044	1,149	5,427
Williams, Blair & Elsie	42,746	45,959	1,425	3,684
Zerbee, Frances Brinckle	5,442	7,166	222	8,246
Subtotal	100,408,100	121,584,215	3,751,070	4,658,022
RESTRICTED PURPOSE—QUASI:				
Abbott, Marie Bohrn	189,158	183,855	950	950
Armstrong, Edwin James	24,183	27,955	853	—
Au Panier Fleuri	111,973	126,107	3,911	3,417
Bacon, Virginia Purdy	534,393	632,940	19,629	92,716
Bateman, Robert	105,586	106,483	3,302	3,302
Becker, George F.	922,605	1,095,501	33,974	17,048
Cooper Hewitt Acquisition Endowment Fund	608,075	617,050	18,885	1
Denghausen, Luisita L. and Franz H., Fund	9,826,147	10,680,004	303,568	394,224
Desautels, Paul E.	42,794	56,734	1,851	1,082
Friends of Music Endowment Fund	88,866	94,989	2,798	—
Gaver, Gordon	11,315	13,013	393	1,542
Hachenberg, George P. and Caroline	26,593	33,300	1,033	9,517
Hammond, John, Performance Series Fund	343,049	352,418	10,929	17,906
Hanson, Martin Gustav and Caroline R.	56,325	69,258	2,148	12,924
Hirshhorn Collections Endowment Fund	7,254,733	8,343,557	313,234	390,006
Hirshhorn, Joseph H., Bequest Fund	1,872,064	2,225,269	78,429	—
The Hohenia Trust Fund	6,870,013	7,727,118	198,664	—
Hunterdon Endowment	18,992,998	23,094,784	716,216	225,134
Johnson, E. R. Fenimore	44,679	51,279	1,590	10,623
Loeb, Morris	556,950	686,877	21,301	20,879
Long, Annette E. and Edith C.	3,191	4,242	132	960
Myer, Catherine Walden	128,021	157,423	4,882	46,076
Noyes, Frank B.	6,358	7,935	246	5,476
Noyes, Pauline Riggs	52,745	59,424	1,843	4,933
Pell, Cornelia Livingston	47,186	58,115	1,802	11,701
Ramsey, Adm. and Mrs. Dewitt Clinton (see Note 1)	1,101,818	1,363,534	42,841	(2,966)
Rathbun, Richard, Memorial	67,634	83,269	2,582	27,476
Roebling Solar Research	149,034	179,031	5,552	21,050
Ruef, Bertha M.	174,163	199,833	6,197	1,775
Schultz, Leonard P.	127,329	146,449	4,542	23,329

■ Table 7. Endowment Funds September 30, 1992 (continued)

	Principal		Income	
	Book Value	Market Value	Net Income	Unexpended Balance
Seidell, Atherton	3,653,133	4,328,126	134,224	501,546
Smithsonian Agency Account	1,473,830	1,745,649	54,791	6,888
Strong, Julia D.	63,560	78,247	2,427	18,839
Witherspoon, Thomas A., Memorial	816,801	1,004,002	31,136	194,361
Subtotal	56,347,302	65,633,770	2,026,855	2,062,715
Total Restricted Purpose	156,755,402	187,217,985	5,777,925	6,720,737
TOTAL ENDOWMENT FUNDS	<u>\$292,073,712</u>	<u>\$343,613,516</u>	<u>\$10,620,899</u>	<u>\$7,376,273</u>

Note 1: Invested all or in part in U.S. Treasury or other nonpooled investments.

■ Table 8. Construction and Plant Funds
Fiscal Years 1991 and 1992 (in \$000s)

	FY 1991	FY 1992
FUNDS PROVIDED		
<i>Federal Appropriations:</i>		
National Zoological Park	6,636	7,899
Restoration and Renovation of Buildings	31,190	23,599
Construction Planning and Minor Construction	4,982	5,233
Tropical Research Institute—Tupper Research Facilities	1,542	—
National Museum of the American Indian	7,391	2,370
National Museum of Natural History—East Court	1,492	9,874
GPOB—Construction	—	1,678
Total Federal Appropriations	<u>53,233</u>	<u>50,653</u>
<i>Nonappropriated Trust Funds:</i>		
Income—Gift and Other		
Environmental Research Center	37	149
Tropical Research Institute—Tupper Research Facilities	(222)*	576
Cooper-Hewitt Museum	49	57
Visitor Information and Reception Center	(109)*	10
National Museum of the American Indian	128	2,022
Freer Gallery and Auditorium	2,114	686
Natural Museum of Natural History Gem Hall	532	352
Natural Museum of Natural History Insect Zoo	—	105
Total Income	<u>2,529</u>	<u>3,957</u>
<i>Transfers from Other Funds:</i>		
National Museum of the American Indian	—	950
Cooper-Hewitt Museum	358	—
Natural Museum of Natural History Gem Hall	(48)*	(202)*
Natural Museum of Natural History Insect Zoo	—	(6)*
Quadrangle and Related	(2,063)*	—
Total Transfers	<u>(1,753)</u>	<u>742</u>
Total Funds Provided	<u>\$54,009</u>	<u>\$55,352</u>

* Funds reclassified to current operating funds.

Coopers & Lybrand
Certified Public Accountants

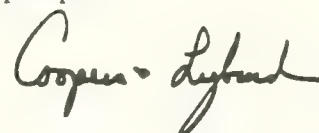
Report of Independent Accountants
To The Board of Regents
Smithsonian Institution

We have audited the accompanying statement of financial condition of the Smithsonian Institution as of September 30, 1992, and the related statements of financial activity and cash flows for the year then ended. We previously audited and reported upon the financial statements of the Smithsonian Institution for the year ended September 30, 1991, totals of which are included in the accompanying financial statements for comparative purposes only. These financial statements are the responsibility of the Institution's management. Our responsibility is to express an opinion on these financial statements based on our audit.

We conducted our audit in accordance with generally accepted auditing standards and generally accepted government auditing standards. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the Smithsonian Institution as of September 30, 1992, and the results of its operations and its cash flows for the year then ended, in conformity with generally accepted accounting principles.

Washington, D.C.
December 23, 1992



Smithsonian Institution Statement of Financial Condition, September 30, 1992
(with comparative totals for September 30, 1991) (thousands of dollars)

	Trust funds	Federal funds	Totals, all funds	Totals, 1991
ASSETS:				
Fund balances with U.S. Treasury and cash	\$ 2,560	\$158,587	\$ 161,147	\$150,003
Investments (Note 3)	377,233	—	377,233	326,610
Receivables (Note 5)	48,650	11,943	60,593	55,055
Advance payments (Note 6)	—	12,635	12,635	12,980
Inventories	18,181	1,681	19,862	19,121
Prepaid, deferred expense and other	21,483	—	21,483	17,835
Property and equipment (Note 7)	77,270	311,553	388,823	359,442
Collections (Note 11)	—	—	—	—
Total assets	\$545,377	\$496,399	\$1,041,776	\$941,046
LIABILITIES:				
Accounts payable and accrued expenses	\$ 23,949	\$ 30,410	\$ 54,359	\$ 49,694
Interfund payable	11,617	—	11,617	8,887
Payable for investment securities purchased	16,148	—	16,148	8,007
Deposits held in custody for other organizations (Note 2)	5,839	—	5,839	4,476
Accrued annual leave	3,437	11,483	14,920	13,583
Deferred revenue	50,497	—	50,497	36,655
Long-term debt (Note 9)	13,113	—	13,113	10,714
Total liabilities	124,600	41,893	166,493	132,016
Undelivered orders	—	68,713	68,713	81,786
Commitments and contingencies (Note 8)				
FUND BALANCES:				
Trust—Current (Note 15):				
Unrestricted general purpose	9,959	—	9,959	13,772
Special purpose	27,557	—	27,557	31,115
Restricted	28,132	—	28,132	21,036
Trust—Endowment and similar funds (Note 4)	292,074	—	292,074	265,371
Trust—Plant funds (Note 7)	63,055	—	63,055	60,392
Federal—Operating funds (Note 10)	—	15,977	15,977	8,089
Federal—Construction funds	—	56,582	56,582	43,629
Federal—Capital funds	—	313,234	313,234	283,840
Total fund balances	420,777	385,793	806,570	727,244
Total liabilities, undelivered orders and fund balances	\$545,377	\$496,399	\$1,041,776	\$941,046

The accompanying notes are an integral part of these financial statements.

Smithsonian Institution Statement of Financial Activity for the year ended September 30, 1992
(with comparative totals for the year ended September 30, 1991) (thousands of dollars)

	Trust funds				Federal funds					
	Totals, trust funds	Current funds (Note 15)	Endow- ment and similar funds	Plant funds	Totals, federal funds	Operating funds	Con- struction funds	Capital funds	Totals, all funds	Totals, 1991
REVENUE AND OTHER ADDITIONS:										
Appropriations (Note 10)	\$ —	\$ —	\$ —	\$ —	\$331,836	\$281,183	\$50,653	\$ —	\$331,836	\$326,113
Government grants and contracts	42,689	42,689	—	—	—	—	—	—	42,689	36,801
Investment income	14,563	14,170	—	393	—	—	—	—	14,563	15,671
Net gain on sale of securities	17,790	—	17,790	—	—	—	—	—	17,790	4,007
Gifts, bequests and other grants	45,007	40,110	1,334	3,563	—	—	—	—	45,007	25,596
Additions to plant (Note 7)	3,032	—	—	3,032	62,597	—	—	62,597	65,629	51,605
Rentals, fees, commissions and other (Note 10)	6,046	6,046	—	—	1,473	1,473	—	—	7,519	7,423
Auxiliary activities	188,596	188,591	5	—	—	—	—	—	188,596	188,355
Total revenue and other additions	317,723	291,606	19,129	6,988	395,906	282,656	50,653	62,597	713,629	655,571
EXPENDITURES AND OTHER DEDUCTIONS:										
Research, educational, and collection acquisition (Note 11)	93,519	93,519	—	—	174,678	174,678	—	—	268,197	239,724
Administration	23,343	23,343	—	—	26,575	26,575	—	—	49,918	59,269
Facilities services	2,400	2,400	—	—	75,408	75,408	—	—	77,808	73,908
Acquisition of plant	2,439	—	—	2,439	37,700	—	37,700	—	40,139	47,924
Property use and depreciation (Note 7)	2,629	—	—	2,629	33,203	—	—	33,203	35,832	31,640
Auxiliary activities	164,302	164,302	—	—	—	—	—	—	164,302	164,291
Total expenditures and other deductions	288,632	283,564	—	5,068	347,564	276,661	37,700	33,203	636,196	616,756
Excess of revenue and other additions over expenditures and other deductions	29,091	8,042	19,129	1,920	48,342	5,995	12,953	29,394	77,433	38,815
TRANSFERS AMONG FUNDS— additions (deductions) (Note 12)										
Net increase (decrease) for the year	29,091	(275)	26,703	2,663	48,342	5,995	12,953	29,394	77,433	38,815
Increase in unobligated balances (Note 10)	—	—	—	—	1,893	1,893	—	—	1,893	829
Fund balances at beginning of year . . .	391,686	65,923	265,371	60,392	335,558	8,089	43,629	283,840	727,244	687,600
FUND BALANCES AT END OF YEAR										
	\$420,777	\$ 65,648	\$292,074	\$63,055	\$385,793	\$ 15,977	\$56,582	\$313,234	\$806,570	\$727,244

The accompanying notes are an integral part of these financial statements.

Smithsonian Institution Combined Statement of Cash Flows for the year ended September 30, 1992
(with comparative totals for the year ended September 30, 1991) (thousands of dollars)

	1992			1991
	Trust	Federal	Total	Total
CASH FLOWS FROM OPERATING ACTIVITIES:				
Excess of revenue and other additions over expenditures and other deductions	\$ 29,091	\$ 48,342	\$ 77,433	\$ 38,814
Adjustments to reconcile cash provided by operating activities:				
Depreciation	5,028	25,830	30,858	27,658
Provision for losses on accounts receivable	4,006	—	4,006	5,276
Gain on disposition of investments	(17,790)	—	(17,790)	(4,007)
Increase in unobligated balances	—	1,893	1,893	829

Smithsonian Institution Combined Statement of Cash Flows for the year ended September 30, 1992
(with comparative totals for the year ended September 30, 1991) (thousands of dollars)

	1992			1991
	Trust	Federal	Total	Total
(Increase) decrease in receivables	(1,829)	107	(1,722)	(287)
(Increase) decrease in merchandise inventory	(826)	85	(741)	(825)
(Increase) decrease in prepaid, deferred expense and other	(3,648)	—	(3,648)	316
Decrease in advance payments	—	345	345	5,626
Increase in accounts payable and accrued expenses	3,371	1,188	4,559	3,910
Increase in deposits held in custody	1,363	—	1,363	944
Increase (decrease) in deferred revenue	11,146	—	11,146	(4,312)
Increase (decrease) in undelivered orders	—	(13,073)	(13,073)	10,099
Net cash provided by operating activities	29,912	64,717	94,629	84,041
CASH FLOWS FROM INVESTING ACTIVITIES:				
Proceeds from sale of property and equipment	15	—	15	—
Payments for purchase of property and equipment	(5,265)	(54,572)	(59,837)	(48,766)
Purchases of investment securities	(509,374)	—	(509,374)	(574,418)
Proceeds from sale of investment securities	483,312	—	483,312	576,474
Net cash used for investing activities	(31,312)	(54,572)	(85,884)	(46,710)
CASH FLOWS FROM FINANCING ACTIVITIES:				
Proceeds from issuance of long-term debt	3,800	—	3,800	—
Payments on long-term debt	(1,401)	—	(1,401)	(387)
Net cash provided by (used in) financing activities	2,399	—	2,399	(387)
Net increase in cash and fund balances with U.S. Treasury	999	10,145	11,144	36,944
Cash and fund balances with U.S. Treasury at beginning of year	1,561	148,442	150,003	113,059
CASH AND FUND BALANCES WITH U.S. TREASURY AT END OF YEAR	\$ 2,560	\$158,587	\$ 161,147	\$ 150,003

The accompanying notes are an integral part of the financial statements.

Smithsonian Institution Notes to Financial Statements

1. Summary of Significant Accounting Policies

Basis of Presentation

These financial statements do not include the accounts of the National Gallery of Art, the John F. Kennedy Center for the Performing Arts or the Woodrow Wilson International Center for Scholars, which were established by Congress within the Smithsonian Institution (the Institution) but are administered under separate boards of trustees.

The financial statements of the Institution with respect to Federal Appropriations have been prepared on the obligation basis of accounting, which is in accordance with accounting principles prescribed by the Comptroller General of the United States as set forth in the *Policy and Procedures Manual for Guidance of Federal Agencies*. The obligation basis of accounting differs in some respects from generally accepted accounting principles. Under this method of accounting, approximately \$43,903,000 of commitments of the operating fund, such as purchase orders and contracts, have been recognized as expenditures, and the related obligations have been reported on the Statement of Financial Condition at September 30, 1992 even though the goods and services have not been received. Approximately \$11,964,000 of these commitments are for grants under the foreign currency program. Approximately \$11,088,000 of these commitments are for internal storage facilities and equipment at the Museum Support Center. In addition, construction fund commitments for other projects amounted to approximately \$24,810,000 at September 30, 1992.

The trust funds reflect the receipt and expenditure of funds obtained from private sources, government grants and contracts, investment income and certain business activities related to the operations of the Institution.

Fund Accounting

To ensure observance of the limitations and restrictions placed on the use of resources available to the Institution, accounts are maintained in accordance with the principles of fund accounting. This procedure classifies resources for control, accounting and reporting purposes into distinct funds established according to their appropriation, nature and purposes. Separate accounts are maintained for each fund; however, in the accompanying financial statements, funds that have similar characteristics have been combined into fund groups. Accordingly, all financial transactions have been recorded and reported by fund group.

The assets, liabilities and fund balances of the Institution are self-balancing as follows:

Federal operating funds represent the portion of appropriated funds available for support of Institution operations. Separate subfund groups are maintained for each appropriation as follows: Salaries and Expense, Special Foreign Currency, Barro Colorado Island Trust Fund.

Federal construction funds represent the portion of appropriated funds available for building and facility construction, restoration, renovation and repair. Separate subfund groups are maintained for each appropriation—Construction and Improvements, National Zoological Park, Repairs and Restoration of Buildings, Museum Support Center and the Center for African, Near Eastern and Asian Cultures (Quadrangle).

Federal capital funds represent the value of those assets of the Institution acquired with federal funds and nonexpendable property transfers from government agencies.

Trust current funds, which include unrestricted and restricted resources, represent the portion of non-appropriated funds available for support of Institution operations. Separate subfund groups of current unrestricted funds have been reflected in the financial statements for auxiliary activities (representing primarily the revenue and expenditures of the Smithsonian Associate Programs, including *Smithsonian* magazine and *Air & Space/Smithsonian* magazine, museum shop and mail order sales) and for special purposes (representing internally segregated funds for certain designated purposes). Amounts restricted by the donor for specific purposes are segregated from other current funds.

Trust endowment and similar funds include funds that are subject to restrictions of gift instruments requiring in perpetuity that the principal be invested and that only income be utilized. Also classified as endowment and similar funds are gifts which allow the expenditure of principal only under certain specified conditions. Quasi-endowment funds are funds established by the governing board for the same purposes as endowment funds; however, any portion of such funds may be expended with board approval. Restricted quasi-endowment funds represent gifts for restricted purposes where there is no stipulation that the principal be maintained in perpetuity or for a period of time, but the governing board has elected to invest the principal and expend only the income for the purpose stipulated by the donor.

Trust plant funds represent resources restricted for future plant acquisitions and funds expended for plant.

Interfund Balances

Interfund balances result from short-term advances/borrowings between Institution funds and are repaid, without interest, on a continual basis.

Investments

All investment income, except that of endowment and similar funds, and gains and losses arising from the sale of investments and property, are accounted for in the fund in which the related assets are recorded. Income of endowment and similar funds is accounted for in the fund to which it is restricted or, if unrestricted, as revenue in unrestricted current funds. Gains and losses on the sale of investments are recognized on the trade date basis using the average cost method.

Inventory

Inventories are carried at the lower of cost or market. Cost is determined using the first-in, first-out (FIFO) method, standard cost method or retail cost method (for those inventories held for resale).

Deferred Revenue and Expense

Revenue from subscriptions to *Smithsonian* magazine and *Air & Space/Smithsonian* magazine is recorded as income over the period of the related subscription, which is generally one year. Costs related to obtaining subscriptions to *Smithsonian* magazine and *Air & Space/Smithsonian* magazine are charged against income over the period of the subscription.

The Institution recognizes revenue and charges expenses of other auxiliary activities during the period in which the activity is conducted.

Works of Art, Living or Other Specimens

The Institution acquires its collections, which include works of art, library books, photographic archives, objects and specimens, through purchase by federal or private funds or by donation. In accordance with policies generally followed by museums, no value is assigned to the collections on the statement of financial condition. Purchases for the collections are expensed currently. Proceeds from deaccessions are designated for future collection acquisitions.

Property and Equipment—Federal Funds

Property and equipment purchased with federal funds are recorded in the capital funds at cost and depreciated on a straight-line basis over their useful lives as follows:

Buildings	30 years
Major renovations	15 years
Nonexpendable equipment	10 years

Certain lands occupied by the Institution's buildings were appropriated and reserved by Congress for the Institution and are not reflected in the accompanying financial statements. Property and nonexpendable equipment acquired through transfer from government agencies are capitalized at the transfer price or at estimated amounts, taking into consideration usefulness, condition and market value.

Property and Equipment—Trust Funds

Property and equipment purchased with trust funds for use by nonincome-producing activities are recorded at cost, or appraised value at date of gift, except for gifts of certain islands in the Chesapeake Bay and the Carnegie Mansion, which have been recorded at nominal values. Property and equipment are treated as a deduction of the current fund and as a capitalized cost of the plant fund.

Property and equipment for use by nonincome-producing activities is depreciated on the straight-line basis over their useful lives as follows:

Buildings	30 years
Major renovations	15 years
Equipment	10 years

Depreciation is recorded in the plant fund as a deduction to the investment in plant.

Capital improvements and equipment purchased with trust funds and utilized in income-producing activities are capitalized at cost in the current fund and are depreciated on a straight-line basis over their estimated useful lives of 3 to 10 years.

Government Grants and Contracts

The Institution has a number of grants and contracts with the U.S. Government, which primarily provide for cost reimbursement to the Institution. Governmental grant and contract revenue is recognized within trust funds as expenditures are incurred.

Pledges

The Institution generally records pledges based upon letters signed by donors. Pledges are recorded at net realizable value as a receivable and as deferred revenue on the statement of financial condition. Revenue from pledges is recognized in the year the pledged funds are collected.

Gifts, Bequests and Other Grants

The Institution recognizes revenue from gifts, bequests and other grants in the year the cash is received.

Contributed Services

A substantial number of unpaid volunteers have made significant contributions of their time in the furtherance of the Institution's programs. This contributed time is not reflected in these statements since no objective basis is available to determine the value of these services.

Annual Leave

The Institution's civil service employees earn annual leave in accordance with federal laws and regulations. However, only the cost of leave taken as salaries is funded and recorded as an expense. The cost of unused annual leave at year-end is reflected in the accompanying financial statements as an asset and an accrued liability in the federal funds.

Annual leave for trust employees is accrued as a liability and expensed in the trust fund, as earned.

2. Related Activities

The Institution provides certain fiscal and administrative services to several separately incorporated organizations in which certain officials of the Institution serve on the governing boards. The amounts paid to the Institution by

these organizations for the aforementioned services, together with rent for Institution facilities occupied, totaled \$265,000 (\$190,000 for the trust funds and \$75,000 for the federal funds) for the year ended September 30, 1992. Deposits held in custody for these organizations were \$5,839,000 as of September 30, 1992.

3. Investments

Investments are recorded at cost on a trade date basis, if purchased, or estimated fair market value at date of acquisition, if acquired by gift. At September 30, 1992, investments were composed of the following:

	Carrying value (\$000s)	Market value (\$000s)
Current funds:		
Short-term investments	\$ 62,502	\$ 63,102
Endowment and similar funds:		
Pooled investments:		
Short-term	48,724	51,292
U.S. Government and quasi-government obligations	70,587	73,360
Corporate bonds and other obligations	53,309	56,882
Common and preferred stock	124,365	166,954
Subtotal pooled investments	296,985	348,488
Non-pooled investments:		
Deposit with U.S. Treasury	1,036	1,072
Charitable trusts	595	834
Subtotal non-pooled investments	1,631	1,906
	298,616	350,394
Plant funds:		
Common stock	125	215
U.S. Government securities	15,990	16,110
	16,115	16,325
Total investments	\$377,233	\$429,821

The deposit with the U.S. Treasury is invested in U.S. Government securities at a variable yield based on market interest rates.

Substantially all the investments of the endowment and similar funds are pooled on a market value basis (consolidated fund) with each individual fund subscribing to or disposing of units on the basis of the per unit market value at the beginning of the month within which the transaction takes place. Of the total units, each having a market value of \$410.20, 323,919 units were owned by endowment funds, and 525,629 units were owned by quasi-endowment funds at September 30, 1992.

The following tabulation summarizes changes in relationships between cost and market values of the pooled investments at September 30, 1992.

	(\$000s)		Market value per unit
	Market	Cost	Net change
End of year	\$348,488	\$296,985	\$51,503
Beginning of year	312,261	263,884	48,377
Increase in unrealized net gain for the year			3,126
Realized net gain for the year			17,790
Total net gains for the year			\$20,916
			\$ 32.13

4. Endowment and Similar Funds

The Institution utilizes the "total return" approach to investment management of endowment funds and quasi-endowment funds. Under this approach, an amount equal to the difference between actual interest and dividends earned during the year and the amount computed under the total return formula is transferred to or from the current funds.

In applying this approach, it is the Institution's policy to provide, as being available for current expenditures, an amount taking into consideration such

factors as, but not limited to: (1) 4 1/2% of the five-year average of the market value of each fund (adjusted for gifts and transfers during this period), (2) current dividend and interest yield, (3) support needs for bureaus and scientists, and (4) inflationary factors as measured by the Consumer Price Index. However, where the market value of the assets of any endowment fund is less than 110% of the historic dollar value (value of gifts at date of donation), the amount provided is limited to only interest and dividends received.

The total return factor for 1992 was \$12.50 per unit, equivalent to 4% of the five-year average of the Market Value of each participating fund. The total return amount exceeded actual dividends and interest earned for the year and this excess was transferred from the endowment funds to the current funds (see Note 12).

The endowment fund balance is comprised of the following at September 30, 1992:

	(\$000s)
Endowment—unrestricted	\$ 7,793
Endowment—restricted	100,408
Quasi-endowment—unrestricted	127,526
Quasi-endowment—restricted	56,347
	<u>\$292,074</u>

5. Receivables

Receivables at September 30, 1992 included the following:

	(\$000s)		
	Trust funds	Federal funds	Totals, all funds
Auxiliary activities and other accounts receivable, net of \$5,854 allowance for doubtful accounts	\$18,626	\$ —	\$18,626
Receivables for investment securities sold	7,541	—	7,541
Pledges receivable	3,693	—	3,693
Reimbursements due from grants and contracts	3,550	—	3,550
Interest and dividends receivable	3,604	—	3,604
Interfund receivables	11,617	—	11,617
Accrued annual leave	—	11,483	11,483
Other	19	460	479
	<u>\$48,650</u>	<u>\$11,943</u>	<u>\$60,593</u>

6. Advance Payments

Advance payments represent prepayments made to government agencies, educational institutions, firms and individuals for services to be rendered, or property or materials to be furnished.

As of September 30, 1992, the most significant advances outstanding were: \$6,753,000 to the General Services Administration, principally for construction services including the Museum Support Center and other projects to be completed in future fiscal years; and approximately \$1,608,000, principally under the Special Foreign Currency Program.

7. Property and Equipment

At September 30, 1992, property and equipment were comprised of the following:

	(\$000s)	(\$000s)
Trust		
Current funds		
Capital improvements	\$ 24,143	
Equipment	11,148	
Building	3,981	
Leasehold improvements	1,170	
	<u>40,442</u>	
Less: accumulated depreciation and amortization	(17,547)	
	<u>22,895</u>	

<i>Plant funds</i>	
Land and buildings	67,083
Equipment	8,070
	<u>75,153</u>
Less: accumulated depreciation	(20,778)
	<u>54,375</u>
Total, trust funds	\$ 77,270
<i>Federal</i>	
<i>Capital funds</i>	
Property	\$ 513,916
Equipment	45,743
	<u>559,659</u>
Less: accumulated depreciation	(248,106)
Total, federal funds	<u>311,553</u>
Total, all funds	<u>\$388,823</u>

Included in the accumulated depreciation of the federal capital funds is \$25,830,000 of depreciation expense for 1992.

Depreciation and amortization expense in the trust funds for fiscal year 1992 for income-producing assets amounted to \$2,399,000 and is included in auxiliary activities expenditures in the current funds. Depreciation of non-income-producing equipment and buildings for 1992 amounted to \$2,629,000 and is included in the plant fund.

The balance of the plant fund at September 30, 1992 included \$8,680,000 of unexpended funds for future plant acquisitions.

8. Commitments and Contingencies

Leases for various Smithsonian warehouse and office spaces provide for escalation of rents to coincide with increases in property taxes, operating expenses attributable to the leased property and the Consumer Price Index.

The Institution's operating leases require future minimum lease payments as follows:

Lease payments	(\$000s)
1993	\$ 9,513
1994	7,598
1995	5,343
1996	1,724
1997	1,108
Thereafter	2,877
	<u>\$28,163</u>

Rental expense for office facilities aggregated approximately \$10,407,000 in 1992.

The Institution receives funding or reimbursement from governmental agencies for various activities, which are subject to audit. Audits of sponsored program costs have been completed through the fiscal year ending September 30, 1989, however, final resolution from the cognizant agency for audits of fiscal years 1983 through 1989 has not occurred. Any adjustments which may result from those audits and the audits for fiscal years 1990 through 1992 are not expected to have a material effect on the Institution's financial statements.

9. Long-term Debt

Long-term debt as of September 30, 1992 consists of the following:

	(\$000s)
9% note payable to The Riggs National Bank, interest only payable quarterly commencing December 31, 1986; interest and principal payable quarterly commencing September 30, 1991, until June 30, 1998, with the remaining unpaid principal balance due June 30, 1998.	\$ 9,503
Note payable to Signet Bank, bearing interest at 1% in excess of the Federal Funds Rate, which was 5.5% at September 30, 1992; interest and principal payable in quarterly installments of \$63,000 until December 31, 1996, with the remaining unpaid principal balance due December 31, 1996.	<u>3,610</u>
	<u>\$13,113</u>

The aggregate amount due for all borrowings for the years ending September 30, are as follows: \$1,577,000 in 1993; \$1,700,000 in 1994; \$1,835,000 in 1995; \$1,982,000 in 1996; \$2,143,000 in 1997 and \$3,876,000 in years thereafter.

The proceeds of the note with The Riggs National Bank were used to fund construction of a restaurant addition to the National Air and Space Museum. The proceeds of the note with Signet Bank were used to finance a warehouse facility for Institution museum shops. During the fiscal year ended September 30, 1992, approximately \$1,085,000 was recorded as interest expense and was paid by Auxiliary Activities funds.

10. Federal Operating Funds

The federal operating funds include appropriations for salaries and expenses which are expended in the year received. Also included are amounts approximating \$25,475,000 received with the provision that such amounts can be expended over a period greater than one year.

On November 5, 1990, the U.S. Congress enacted Public Law 101-510, the Defense Authorization Act (Act), which prescribes the rules for determining the availability of appropriation balances and establishes the procedures for closing appropriation accounts.

The major purpose of the Act is to restructure annual appropriation accounts. Beginning with the fiscal year 1989 appropriation accounts, agencies are now required to maintain annual appropriations for a five-year period following the year of appropriation. At the end of an appropriation's five-year life, the appropriation account is closed and any unobligated balances are then returned to the U.S. Treasury. The Act also provides for the phasing out of unexpended previous year's appropriations as of September 30, 1993.

Under the Act, unobligated balances of annual appropriation accounts will remain on the Institution's records until the appropriation accounts are closed.

The federal operating funds for the year ended September 30, 1992 included the following:

	(\$000s)		
	Revenues and other additions		Fund balance at September 30, 1992
	Appropriations	Other	
Salaries and expenses	\$281,183	\$ —	\$15,274
Special Foreign Currency Program	—	—	273
U.S. India Fund (transfers from Department of State)	—	1,319	361
Smithsonian Tropical Research Institute	—	154	69
	<u>\$281,183</u>	<u>\$1,473</u>	<u>\$15,977</u>

On July 11, 1990, a settlement was awarded in the amount of \$3,022,350 arising out of a suit against the United States by a contractor who was defaulted by the General Services Administration for failure to complete a project for the Museum Support Center in a timely fashion. This mandatory obligation falls outside the provisions of the Antideficiency Act. According to accounting principles prescribed by the Comptroller General of the United States, the Institution recognized this expense, in fiscal year 1990, when settlement by the United States resulted in an operating fund deficit. The Institution received appropriations in fiscal year 1992 of approximately \$994,000 as a partial payment of the claim. The Institution will request appropriated funds in fiscal years 1993 and 1994 to pay the balance of the claim.

The Institution has recorded an unrealized loss of \$54,000 to reflect exchange rate changes related to the U.S. India Fund.

11. Collections

In accordance with policies generally followed by museums, collections purchased and donated are not included in the statement of financial condition. The Institution records the acquisition of collections as an expense in the year of purchase and records the deaccession of collections as restricted revenue in the year of sale. For fiscal year 1992, \$8,340,000 was expensed to trust funds

and \$1,587,000 to federal funds for the acquisition of collections, and proceeds from deaccessions in trust funds were \$635,000. There were no deaccessions of collections purchased with federal funds in fiscal year 1992.

12. Transfers Among Trust Funds

The following transfers increased (decreased) respective fund balances for the year ended September 30, 1992:

	(\$000s)			
	Current funds		Endowment and similar funds	Plant funds
	Unrestricted	Restricted		
Total return income from endowment	\$ 232	\$ 277	\$ (509)	\$ —
Income reallocated for special purposes	(44)	44	—	—
Endowment reallocated to restricted and unrestricted funds	462	4,260	(4,722)	—
Designated as quasi-endowment	(4,152)	(8,477)	12,629	—
Other	196	(1,115)	176	743
Total transfers among funds	<u>\$ (3,306)</u>	<u>\$ (5,011)</u>	<u>\$ 7,574</u>	<u>\$ 743</u>

13. Retirement

The federal employees of the Institution are covered by either the Civil Service Retirement System (CSRS) or the Federal Employee Retirement System

(FERS). The features of both of these systems are defined in published government documents. Under both systems, the Institution withholds from the salary of each federal employee the percentage of salary required; the Institution also contributes specified percentages. The cost of the programs for the year ended September 30, 1992 was \$13,021,000.

The Institution has a separate retirement plan for trust employees, in which substantially all employees of the trust funds are eligible to participate. Under the plan the Institution contributes stipulated percentages of salary which are used to purchase individual annuities, the rights to which are immediately vested with the employees. Employees can make voluntary contributions, subject to certain limitations. The Institution's cost of the plan for the year ended September 30, 1992 was \$7,285,000.

It is the policy of the Institution to fund the accrued costs of all plans currently. There are no unfunded prior service costs under the plans.

14. Income Taxes

The Institution is exempt from income taxation under the provisions of Section 501(c)(3) of the Internal Revenue Code. Organizations described in that section are taxable only on their unrelated business income. No provision for income taxes is required for the year ended September 30, 1992 since the Institution had a net loss from unrelated business activity.

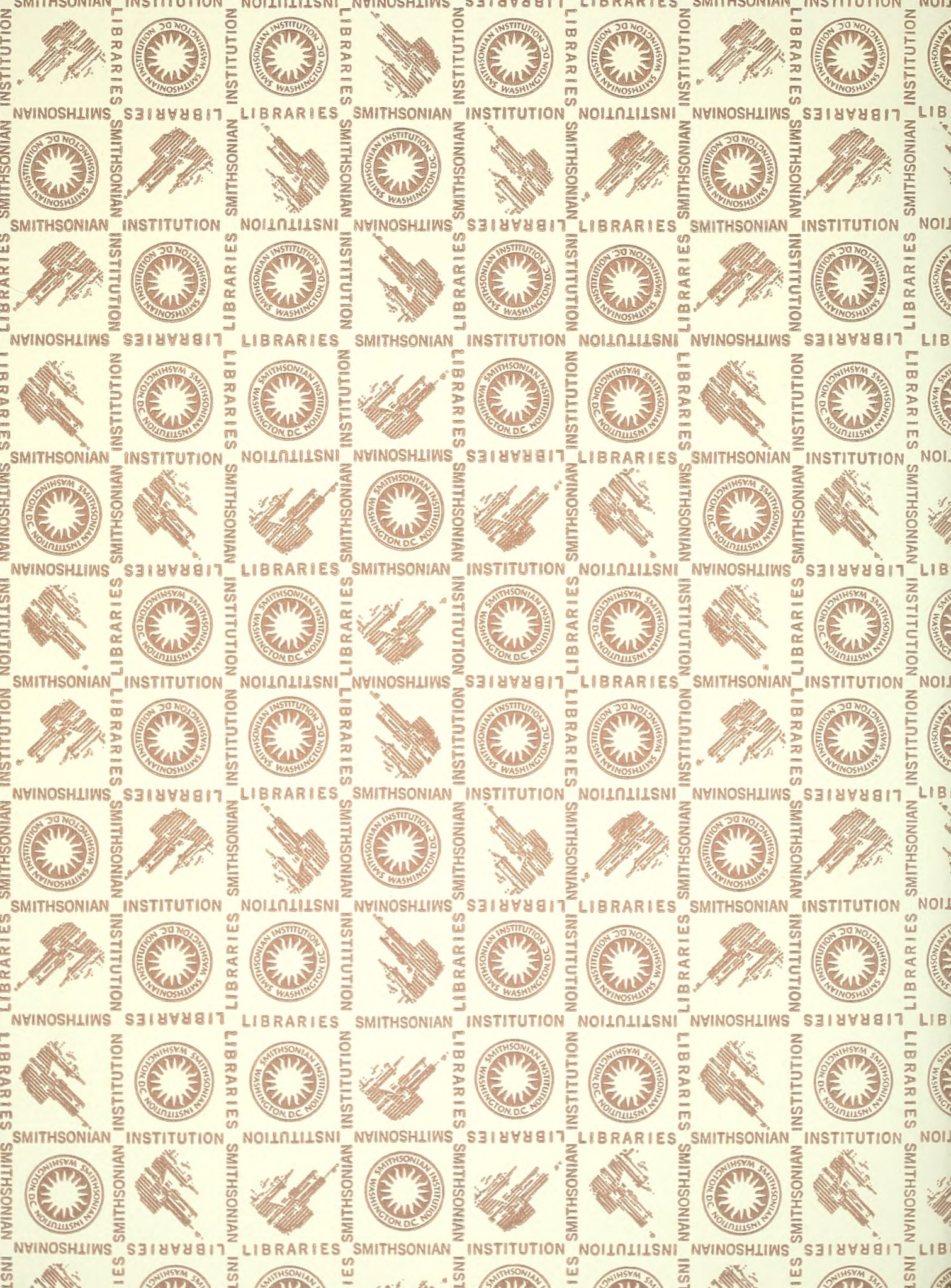
It is the opinion of the Institution that it is also exempt from taxation as an instrumentality of the United States as defined in Section 501(c)(1) of the Code. Organizations described in that section are exempt from all income taxation. The Institution has not as yet formally sought such dual status.

15. Current Trust Funds Financial Activity

The financial activity for the current trust funds by fund type is as follows:

	(\$000s)					
	General purpose	Auxiliary activities	Special purpose	Total Unrestricted funds	Restricted	Total
Revenue and other additions:						
Government grants and contracts	\$ —	\$ —	\$ —	\$ —	\$42,689	\$ 42,689
Investment income	7,616	—	562	8,178	5,992	14,170
Gifts, bequests and other grants	189	8,034	960	9,183	30,927	40,110
Rentals, fees, commissions and other	343	—	2,842	3,185	2,861	6,046
Auxiliary activities	—	180,312	8,279	188,591	—	188,591
Total revenue and other additions	<u>8,148</u>	<u>188,346</u>	<u>12,643</u>	<u>209,137</u>	<u>82,469</u>	<u>291,606</u>
Expenditures and other deductions:						
Research, educational and acquisition	10,677	—	19,341	30,018	63,501	93,519
Administration	7,742	8,197	546	16,485	6,858	23,343
Facilities services	1,551	—	846	2,397	3	2,400
Auxiliary activities	—	159,170	5,132	164,302	—	164,302
Total expenditures and other deductions	<u>19,970</u>	<u>167,367</u>	<u>25,865</u>	<u>213,202</u>	<u>70,362</u>	<u>283,564</u>
Excess of revenue and other additions over (under) expenditures and other deductions	<u>(11,822)</u>	<u>20,979</u>	<u>(13,222)</u>	<u>(4,065)</u>	<u>12,107</u>	<u>8,042</u>
Transfers among funds—additions (deductions)	<u>8,009</u>	<u>(20,979)</u>	<u>9,664</u>	<u>(3,306)</u>	<u>(5,011)</u>	<u>(8,317)</u>
Net increase for the year	<u>(3,813)</u>	<u>—</u>	<u>(3,558)</u>	<u>(7,371)</u>	<u>7,096</u>	<u>(275)</u>
Fund balances at beginning of year	<u>13,772</u>	<u>—</u>	<u>31,115</u>	<u>44,887</u>	<u>21,036</u>	<u>65,923</u>
Fund balances at end of year	<u>\$ 9,959</u>	<u>\$ —</u>	<u>\$ 27,557</u>	<u>\$ 37,516</u>	<u>\$ 28,132</u>	<u>\$ 65,648</u>







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